## Approved American National Standards

Listed below are approved American National Standards (ANS) as of 6/15/2020. Additional information about these ANS has been published in ANSI’s Standards Action during the standards development cycle as indicated by the PINS Date and/or Public Review Start Date and Approval Date. To review this additional information, archived issues of ANSI's Standards Action in (PDF) format are available at (www.ansi.org/standardsaction). Questions concerning a particular ANS should be directed to the sponsoring ANSI-Accredited Standards Developer (ASD). Some ANS are available for purchase at http://webstore.ansi.org/.

If your ANSI-accredited organization would like to report discrepancies or changes, please contact us at psa@ansi.org. We will provide you with a customized Excel report and instructions for how to transmit your comments or corrections. Please do not use this pdf report for reconciliation.

Information about proposed ANS is available in a separate document in the Approved and Proposed ANS Lists folder. The procedures that govern the ANS process are called the “ANSI Essential Requirements: Due process requirements for American National Standards” www.ansi.org/essentialrequirements. A list of all ASDs is available at www.ansi.org/asd. Questions concerning the ANS process may be directed to psa@ansi.org. Thank you for your interest.

### 3-A (3-A Sanitary Standards, Inc.)

**ANSI/3A 00-01-2018, 3-A Sanitary Standard for General Requirements** (revision and redesignation of ANSI/3-A 00-00-2014)

- **PINS Date:** Dec 25, 2015
- **Public Review Start:** Oct 7, 2016
- **Approval Date:** Feb 1, 2018

### AA (ASC H35) (Aluminum Association)


- **PINS Date:** Nov 18, 2016
- **Public Review Start:** Mar 31, 2017
- **Approval Date:** Nov 14, 2017

**ANSI H35.2-2017, Standard Dimensional Tolerances for Aluminum Mill Products** (revision of ANSI H35.2-2013)

- **PINS Date:** Nov 18, 2016
- **Public Review Start:** Mar 31, 2017
- **Approval Date:** Nov 14, 2017

**ANSI H35.3-2017, Standard Designation System for Aluminum Hardeners** (revision of ANSI H35.3-1997 (R2013))

- **PINS Date:** Nov 18, 2016
- **Public Review Start:** Mar 31, 2017
- **Approval Date:** Nov 14, 2017

**ANSI H35.4-2017, Standard Designation System for Unalloyed Aluminum** (revision of ANSI H35.4-2006 (R2013))

- **PINS Date:** Nov 18, 2016
- **Public Review Start:** Mar 31, 2017
- **Approval Date:** Nov 14, 2017

**ANSI H35.5-2013 (R2017), Standard Nomenclature System for Aluminum Metal Matrix Composite Materials** (reaffirmation of ANSI H35.5-2013)

- **PINS Date:** Nov 18, 2016
- **Public Review Start:** Mar 31, 2017
- **Approval Date:** Nov 14, 2017

### AABC (Associated Air Balance Council)


- **PINS Date:** Dec 28, 2012
- **Public Review Start:** Jun 26, 2015
- **Approval Date:** Dec 4, 2015
ANSI/ASB Best Practice Recommendation 010-2018, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority (new standard)
PINS Date: Oct 14, 2016
Public Review Start: Dec 22, 2017
Approval Date: Oct 4, 2018

ANSI/ASB BPR 021-2019, Best Practices for the Preparation of Test Impressions from Footwear and Tires (new standard)
PINS Date: Feb 10, 2017
Public Review Start: Nov 9, 2018
Approval Date: Sep 16, 2019

ANSI/ASB Std 006-2019, Best Practice Recommendation for DNA Analysis for Human Identification in Mass Fatality Incidents (new standard)
PINS Date: Oct 14, 2016
Public Review Start: Jun 29, 2018
Approval Date: Feb 5, 2019

ANSI/ASB Std 007-2018, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases (new standard)
PINS Date: Oct 14, 2016
Public Review Start: May 26, 2017
Approval Date: May 17, 2018

ANSI/ASB Std 009-2019, Examination Of Human Remains By Forensic Pathologists In The Disaster Victim Identification Context (new standard)
PINS Date: Oct 14, 2016
Public Review Start: Dec 15, 2017
Approval Date: Feb 5, 2019

ANSI/ASB Std 017-2018, Standard Practices for Measurement Traceability in Forensic Toxicology (new standard)
PINS Date: Dec 2, 2016
Public Review Start: Dec 8, 2017
Approval Date: Jun 13, 2018

ANSI/ASB Std 019-2019, Wildlife Forensics General Standards (new standard)
PINS Date: Dec 9, 2016
Public Review Start: Oct 12, 2018
Approval Date: May 3, 2019

PINS Date: Dec 23, 2016
Public Review Start: Dec 8, 2017
Approval Date: Sep 11, 2018

ANSI/ASB Std 022-2019, Standard for Forensic DNA Analysis Training Programs (new standard)
PINS Date: Mar 17, 2017
Public Review Start: Oct 5, 2018
Approval Date: Jul 26, 2019

PINS Date: Jun 2, 2017
Public Review Start: Oct 12, 2018
Approval Date: May 3, 2019

PINS Date: Jun 2, 2017
Public Review Start: Oct 12, 2018
Approval Date: May 3, 2019

ANSI/ASB Std 030-2019, Standards for a Quality Assurance Program in Bloodstain Pattern Analysis (new standard)
PINS Date: Mar 23, 2018
Public Review Start: Aug 23, 2019
Approval Date: Dec 16, 2019

ANSI/ASB Std 032-2020, Standards for a Bloodstain Pattern Analyst™s Training Program (new standard)
PINS Date: Apr 27, 2018
Public Review Start: Aug 9, 2019
Approval Date: Apr 21, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASB Std 037-2019</td>
<td>Guidelines for Opinions and Testimony in Forensic Toxicology (new standard)</td>
<td>Jun 9, 2017</td>
<td>Jun 22, 2018</td>
<td>Jan 18, 2019</td>
</tr>
</tbody>
</table>

AAMI (Association for the Advancement of Medical Instrumentation)
www.aami.org

PINS Date: Sep 21, 2018
Public Review Start: Aug 17, 2012
Approval Date: May 8, 2014
IEC Adoption
PINS Date: Feb 8, 2013
Public Review Start: Feb 14, 2014
Approval Date: Aug 15, 2014
ISO Adoption

PINS Date: Feb 8, 2013
Public Review Start: Feb 14, 2014
Approval Date: Aug 8, 2014
ISO Adoption

ANSI/AAMI 2700-1-2019, Medical Devices and Medical Systems — Essential safety requirements for equipment comprising the patient-centric integrated clinical environment (ICE) — Part 1: General requirements and conceptual model (new standard)
PINS Date: Dec 28, 2018
Public Review Start: Mar 8, 2019
Approval Date: Jul 29, 2019

ANSI/AAMI AT6-2013, Autologous transfusion devices (revision of ANSI/AAMI AT6-2005 (R2011))
PINS Date:
Approval Date: Aug 27, 2013

PINS Date:
Public Review Start: Aug 12, 2011
Approval Date: Dec 2, 2011
ISO Adoption

ANSI/AAMI BF64-2012, Leukocyte reduction filters (revision of ANSI/AAMI BF64-2002 (R2011))
PINS Date: Mar 30, 2012
Public Review Start: Apr 13, 2012
Approval Date: Nov 29, 2012

ANSI/AAMI BF7-2012, Blood transfusion microfilters (revision of ANSI/AAMI BF7-1989 (R2011))
PINS Date: Mar 30, 2012
Public Review Start: Apr 27, 2012
Approval Date: Nov 30, 2012

PINS Date:
Approval Date: Jan 6, 2017

PINS Date: Apr 15, 2011
Public Review Start: Sep 30, 2016
Approval Date: Jan 6, 2017

ANSI/AAMI EC12-2010 (R2015), Disposable ECG electrodes (reaffirmation of ANSI/AAMI EC12-2000 (R2010))
PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Dec 30, 2015

PINS Date: Mar 13, 2009
Public Review Start: Jun 3, 2011
Approval Date: Nov 19, 2013

ANSI/AAMI EC57-2012, Testing and reporting performance results of cardiac rhythm and ST segment measurement algorithms (revision of ANSI/AAMI EC57-1998 (R2008))
PINS Date: Mar 13, 2009
Public Review Start: Jun 3, 2011
Approval Date: Dec 18, 2012
ANSI/AAMI EQ56-2013, Recommended practice for a medical equipment management program (revision of ANSI/AAMI EQ56-1999 (R2008))
PINS Date: Feb 25, 2011
Public Review Start: Jul 27, 2012
Approval Date: Mar 13, 2013

ANSI/AAMI Eq89-2015, Guidance for the use of medical equipment maintenance strategies and procedures (new standard)
PINS Date: Aug 3, 2012
Public Review Start: Jul 25, 2014
Approval Date: Feb 12, 2015

ANSI/AAMI EQ93-2019, Medical equipment management - Vocabulary used in medical equipment programs (new standard)
PINS Date: Apr 29, 2016
Public Review Start: Jul 20, 2018
Approval Date: Apr 18, 2019

PINS Date: Public Review Start: Oct 14, 2011
Approval Date: Jan 17, 2012
IEC Adoption

PINS Date: Public Review Start: Apr 22, 2011
Approval Date: Aug 21, 2012
IEC Adoption

PINS Date: Nov 8, 2013
Public Review Start: Mar 27, 2015
Approval Date: Aug 25, 2015
IEC Adoption

PINS Date: Public Review Start: Apr 27, 2018
Approval Date: Aug 10, 2018

PINS Date: Public Review Start: May 20, 2011
Approval Date: Jan 17, 2012

PINS Date: Sep 20, 2019
Public Review Start: Nov 8, 2019
Approval Date: Mar 26, 2020
IEC Adoption

PINS Date: Public Review Start: Apr 17, 2015
Approval Date: Aug 31, 2015

ANSI/AAMI NS4-2013 (R2017), Transcutaneous electrical nerve stimulators (reaffirmation of ANSI/AAMI NS4-2013)
PINS Date: Public Review Start: Jul 28, 2017
Approval Date: Nov 8, 2017

PINS Date: Jan 23, 2009
Public Review Start: Jul 1, 2011
Approval Date: Jun 21, 2012
ANSI/AAMI RD47-2020, Reprocessing of hemodialyzers (revision of ANSI/AAMI RD47-2008 (R2013))
PINS Date: Jul 26, 2019
Public Review Start: Oct 4, 2019
Approval Date: Jan 16, 2020

PINS Date: Sep 23, 2011
Public Review Start: May 25, 2012
Approval Date: Jul 17, 2014
ISO Adoption

PINS Date: Oct 28, 2011
Public Review Start: Dec 23, 2011
Approval Date: Aug 23, 2012
ISO Adoption

PINS Date: Public Review Start: Aug 14, 2015
Approval Date: Nov 23, 2015
ISO Adoption

PINS Date: Public Review Start: Aug 14, 2015
Approval Date: Nov 23, 2015
ISO Adoption

PINS Date: Public Review Start: Jan 26, 2018
Approval Date: Sep 6, 2018

ANSI/AAMI ST40-2004 (R2018), Table-top dry heat (heated air) sterilization and sterility assurance in health care facilities (reaffirmation of ANSI/AAMI ST40-2004 (R2010))
PINS Date:
Public Review Start: Nov 18, 2016
Approval Date: Jan 12, 2018

PINS Date:
Public Review Start: Sep 8, 2017
Approval Date: Jan 16, 2018

ANSI/AAMI ST50-2004 (R2018), Dry heat (heated air) sterilizers (reaffirmation of ANSI/AAMI ST50-2004 (R2010))
PINS Date:
Public Review Start: Nov 18, 2016
Approval Date: Jan 12, 2018

ANSI/AAMI ST55-2016, Table-top steam sterilizers (revision of ANSI/AAMI ST55-2010 (R2014))
PINS Date: Nov 27, 2015
Public Review Start: Mar 11, 2016
Approval Date: Nov 1, 2016

ANSI/AAMI ST58-2013 (R2018), Chemical sterilization and high-level disinfection in health care facilities (reaffirmation of ANSI/AAMI ST58-2013)
PINS Date:
Public Review Start: Jan 26, 2018
Approval Date: Sep 6, 2018

PINS Date:
Public Review Start: Jan 26, 2018
Approval Date: Sep 6, 2018
ANSI/AAMI ST67-2019, Sterilization of health care products - Requirements and guidance for selecting a sterility assurance level (SAL) for products labeled sterile (revision of ANSI/AAMI ST67-2011 (R2017))
PINS Date: Nov 18, 2016
Public Review Start: Aug 31, 2018
Approval Date: Jul 29, 2019

ANSI/AAMI ST72-2019, Bacterial endotoxin - Test methods, routine monitoring and alternatives to batch testing (revision of ANSI/AAMI ST72-2011 (R2016))
PINS Date: Jun 24, 2016
Public Review Start: Apr 26, 2019
Approval Date: Nov 19, 2019

ANSI/AAMI ST77-2013 (R2018), Containment devices for reusable medical device sterilization (reaffirmation of ANSI/AAMI ST77-2013)
PINS Date:
Public Review Start: Jan 26, 2018
Approval Date: Sep 6, 2018

ANSI/AAMI ST79-2010/A2.1-2011, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 25, 2011
Public Review Start: Apr 1, 2011
Approval Date: Aug 8, 2011

ANSI/AAMI ST79-2010/A2.2-2011, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 25, 2011
Public Review Start: Apr 1, 2011
Approval Date: Aug 8, 2011

ANSI/AAMI ST79-2010/A2.3-2011, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 25, 2011
Public Review Start: Apr 1, 2011
Approval Date: Aug 8, 2011

ANSI/AAMI ST79-2010/A2.5-2011, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 25, 2011
Public Review Start: Apr 1, 2011
Approval Date: Sep 19, 2011

ANSI/AAMI ST79-2010/A3.1-2012, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 17, 2012
Public Review Start: Mar 9, 2012
Approval Date: Aug 22, 2012

ANSI/AAMI ST79-2010/A3.2-2012, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 17, 2012
Public Review Start: Mar 9, 2012
Approval Date: Aug 23, 2012

ANSI/AAMI ST79-2010/A3.3-2012, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 17, 2012
Public Review Start: Mar 9, 2012
Approval Date: Aug 23, 2012

ANSI/AAMI ST79-2010/A3.4-2012, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 17, 2012
Public Review Start: Mar 9, 2012
Approval Date: Aug 23, 2012

ANSI/AAMI ST79-2010/A3.5-2012, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 17, 2012
Public Review Start: Mar 9, 2012
Approval Date: Aug 23, 2012

ANSI/AAMI ST79-2010/A3.6-2012, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 17, 2012
Public Review Start: Mar 16, 2012
Approval Date: Aug 23, 2012
ANSI/AAMI ST79-2010/A3.7-2012, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Feb 17, 2012
Public Review Start: Mar 16, 2012
Approval Date: Aug 23, 2012

ANSI/AAMI ST79-2010/A4.1-2013, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Jan 18, 2013
Public Review Start: Feb 22, 2013
Approval Date: Oct 14, 2013

ANSI/AAMI ST79-2010/A4.2-2013, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)
PINS Date: Jan 18, 2013
Public Review Start: Jun 28, 2013
Approval Date: Oct 14, 2013

ANSI/AAMI ST79-2010, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (revision of ANSI/AAMI ST79-2010 (R2014))
PINS Date: Mar 3, 2017
Public Review Start: Apr 7, 2017
Approval Date: Jul 18, 2017

ANSI/AAMI ST8-2013 (R2018), Hospital steam sterilizers (reaffirmation of ANSI/AAMI ST8-2013)
PINS Date: Public Review Start: Mar 30, 2018
Approval Date: Aug 17, 2018

ANSI/AAMI ST90-2017, Processing of health care products - Quality management systems for processing in health care facilities (new standard)
PINS Date: Jul 13, 2012
Public Review Start: Mar 17, 2017
Approval Date: Jul 18, 2017

ANSI/AAMI ST91-2015, Flexible and semi-rigid endoscope reprocessing in health care facilities (new standard)
PINS Date: May 16, 2014
Public Review Start: Aug 1, 2014
Approval Date: Apr 8, 2015

ANSI/AAMI SW91-2018, Classification of Defects in Health Software (new standard)
PINS Date: Aug 17, 2012
Public Review Start: Mar 30, 2018
Approval Date: Oct 22, 2018

ANSI/AAMI/IEC 60601-1-12-2016, Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment (identical national adoption of IEC 60601-1-12:2014)
PINS Date: Jan 15, 2016
Public Review Start: Mar 11, 2016
Approval Date: Oct 6, 2016
IEC Adoption

PINS Date: Mar 1, 2013
Public Review Start: Apr 19, 2013
Approval Date: Oct 21, 2013
IEC Adoption

ANSI/AAMI/IEC 60601-2-16, Ed. 4-2012, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment (identical national adoption of IEC 60601-2-16, Edition 4.0 (2012-03-08))
PINS Date: Mar 1, 2013
Public Review Start: Feb 18, 2011
Approval Date: Sep 5, 2012
IEC Adoption

PINS Date: Public Review Start: Apr 18, 2014
Approval Date: Dec 16, 2014
IEC Adoption
PINS Date: Aug 28, 2015
Public Review Start: Sep 23, 2016
Approval Date: Nov 10, 2016
IEC Adoption

PINS Date: Aug 28, 2015
Public Review Start: Sep 23, 2016
Approval Date: Nov 10, 2016
IEC Adoption

PINS Date: Feb 12, 2016
Public Review Start: Mar 18, 2016
Approval Date: Jun 30, 2017
IEC Adoption

PINS Date: Apr 18, 2014
Public Review Start: Dec 10, 2014
Approval Date: Dec 10, 2014
IEC Adoption

PINS Date: Aug 28, 2015
Public Review Start: Sep 23, 2016
Approval Date: Nov 10, 2016
IEC Adoption

PINS Date: Apr 18, 2014
Public Review Start: Dec 10, 2014
Approval Date: Dec 10, 2014
IEC Adoption

PINS Date: Aug 28, 2015
Public Review Start: Sep 23, 2016
Approval Date: Nov 10, 2016
IEC Adoption

PINS Date: Nov 11, 2016
Public Review Start: Jan 6, 2017
Approval Date: Jan 6, 2017
IEC Adoption

PINS Date: Nov 11, 2016
Public Review Start: Jan 6, 2017
Approval Date: Jan 6, 2017
IEC Adoption

ANSI/AAMI/IEC 60601-2-4-2010 (R2015), Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators (reaffirmation of ANSI/AAMI/IEC 60601-2-4-2010)
PINS Date: Sep 4, 2015
Public Review Start: Dec 30, 2015
Approval Date: Dec 30, 2015
IEC Adoption

PINS Date: Jul 1, 2016
Public Review Start: Aug 12, 2016
Approval Date: Jan 11, 2019
IEC Adoption
PINS Date:
Approval Date: Jan 6, 2017
IEC Adoption

PINS Date:
Public Review Start: Apr 18, 2014
Approval Date: Dec 16, 2014
IEC Adoption

PINS Date:
Public Review Start: Sep 23, 2016
Approval Date: Nov 10, 2016
IEC Adoption

ANSI/AAMI/IEC 62304-2006/Amd 1-2016, Medical device software - Software life cycle processes, Amendment 1 (identical national adoption of IEC 62304:2006/Amd 1)
PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Apr 7, 2016
IEC Adoption

ANSI/AAMI/IEC 62366-1-2015, Medical devices - Application of usability Engineering to medical devices (identical national adoption of IEC 62366-1 (in development) and revision of ANSI/AAMI/IEC 62366-2007 (R2013))
PINS Date:
Public Review Start: Jan 3, 2014
Approval Date: Feb 23, 2015
IEC Adoption

ANSI/AAMI/IEC 80001-1-2010, Application of risk management for IT Networks incorporating medical devices - Part 1: Roles, responsibilities and activities (identical national adoption of IEC 80001-1)
PINS Date: Aug 7, 2009
Public Review Start: Aug 21, 2009
Approval Date: Oct 6, 2010
IEC Adoption

PINS Date: May 18, 2007
Approval Date: Jul 24, 2009
IEC Adoption

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Jan 10, 2017
IEC Adoption

PINS Date: Oct 30, 2009
Public Review Start: Jul 24, 2009
Approval Date: Dec 10, 2009
IEC Adoption

PINS Date: Apr 15, 2016
Public Review Start: May 20, 2016
Approval Date: Jan 11, 2019
IEC Adoption

ANSI/AAMI/IEC 80601-2-30-2010, Application of risk management for IT Networks incorporating medical devices - Part 1: Roles, responsibilities and activities (identical national adoption of IEC 80001-1)
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Adoption Date</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Feb 9, 2007
Public Review Start: Mar 8, 2013
Approval Date: Aug 14, 2014
ISO Adoption

PINS Date: Dec 18, 2015
Public Review Start: Oct 18, 2019
Approval Date: Apr 27, 2020
ISO Adoption

PINS Date: Public Review Start: Aug 16, 2013
Approval Date: Feb 6, 2014
ISO Adoption

PINS Date: Public Review Start: Nov 21, 2014
Approval Date: Jan 10, 2017
ISO Adoption

PINS Date: Public Review Start: Dec 16, 2011
Approval Date: Jun 1, 2012
ISO Adoption

PINS Date: Public Review Start: Apr 18, 2014
Approval Date: Sep 23, 2014
ISO Adoption

PINS Date: Public Review Start: Jul 25, 2014
Approval Date: Jul 27, 2015
ISO Adoption

PINS Date: Public Review Start: Apr 26, 2019
Approval Date: Feb 13, 2020
ISO Adoption

PINS Date: Public Review Start: Aug 21, 2015
Approval Date: Oct 6, 2015
ISO Adoption

PINS Date: Public Review Start: Dec 30, 2013
Approval Date: May 1, 2019
ISO Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

Sterilization of health care products -- Radiation -- Part 2:
Establishing the sterilization dose  (reaffirmation of
PINS Date:   Jul 20, 2018
Approval Date:   May 1, 2019
ISO Adoption

ANSI/AAMI/ISO 11137-3-2017, Sterilization of health care
products - Radiation - Part 3: Guidance on dosimetric
aspects of development, validation and routine control
(identical national adoption of ISO 11137-3:2006 and
re vision of ANSI/AAMI/ISO 11137-3:2006 (R2010))
PINS Date:   Feb 10, 2017
Public Review Start:   Dec 9, 2016
Approval Date:   Oct 6, 2017
ISO Adoption

ANSI/AAMI/ISO 11138-1-2017, Sterilization of health care
products - Biological indicators - Part 1: General
requirements  (identical national adoption of ISO/FDIS
11138-1 and revision of ANSI/AAMI/ISO 11138-1-2006
(R2015))
PINS Date:   Sep 11, 2015
Public Review Start:   Dec 9, 2016
Approval Date:   Aug 1, 2017
ISO Adoption

ANSI/AAMI/ISO 11138-2-2017, Sterilization of health care
products - Biological indicators - Part 2: Biological
indicators for ethylene oxide sterilization processes
(identical national adoption of ISO/FDIS 11138-2 and
PINS Date:   Sep 11, 2015
Public Review Start:   Dec 9, 2016
Approval Date:   Aug 1, 2017
ISO Adoption

ANSI/AAMI/ISO 11138-3-2017, Sterilization of health care
products - Biological indicators - Part 3: Biological
indicators for moist heat sterilization processes (identical
national adoption of ISO/FDIS 11138-3 and revision of
PINS Date:   Sep 11, 2015
Public Review Start:   Dec 9, 2016
Approval Date:   Aug 1, 2017
ISO Adoption

ANSI/AAMI/ISO 11138-4-2017, Sterilization of health care
products - Biological indicators - Part 4: Biological
indicators for dry heat sterilization processes  (identical
national adoption of ISO/FDIS 11138-4 and revision of
ANSI/AAMI/ISO 11138-4-2006 (R2015))
PINS Date:   Sep 11, 2015
Public Review Start:   Dec 9, 2016
Approval Date:   Aug 1, 2017
ISO Adoption

ANSI/AAMI/ISO 11138-5-2017, Sterilization of health care
products - Biological indicators - Part 5: Biological
indicators for low-temperature steam and formaldehyde
sterilization processes  (identical national adoption of
ISO/FDIS 11138-5 and revision of ANSI/AAMI/ISO 11138-5
-2006 (R2015))
PINS Date:   Sep 11, 2015
Public Review Start:   Dec 9, 2016
Approval Date:   Aug 1, 2017
ISO Adoption

ANSI/AAMI/ISO 11138-7-2019, Sterilization of health care
products -- Biological indicators -- Part 7: Guidance for the
selection, use and interpretation of results  (identical
national adoption of ISO 11138-7:2019)
PINS Date:   Sep 8, 2017
Public Review Start:   Jun 14, 2019
Approval Date:   Nov 21, 2019
ISO Adoption

ANSI/AAMI/ISO 11140-1-2014, Sterilization of health care
products - Chemical indicators - Part 1: General
requirements  (identical national adoption of ISO/DIS 11140
-1 and revision of ANSI/AAMI/ISO 11140-1-2005 (R2010))
PINS Date:   Dec 2, 2011
Public Review Start:   Sep 7, 2012
Approval Date:   Sep 10, 2014
ISO Adoption

ANSI/AAMI/ISO 11140-3-2012 (R2015), Sterilization Of
Health Care Products - Chemical Indicators - Part 3:
Class 2 Indicator Systems For Use In The Bowie And Dick-
Type Steam Penetration Test  (reaffirmation of
ANSI/AAMI/ISO 11140-3-2007 (R2012))
PINS Date:   Sep 4, 2015
Public Review Start:   Sep 4, 2015
Approval Date:   Nov 10, 2015
ISO Adoption
ANSI/AAMI/ISO 11140-4-2012 (R2015), Sterilization Of Health Care Products - Chemical Indicators - Part 4: Class 2 Indicators As An Alternative To Bowie And Dick Test For Detection Of Steam Penetration (reaffirmation of ANSI/AAMI/ISO 11140-4-2007 (R2012))
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Nov 10, 2015 ISO Adoption

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Nov 10, 2015 ISO Adoption

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Feb 11, 2016 ISO Adoption

PINS Date: Dec 28, 2018 Public Review Start: Feb 8, 2019 Approval Date: May 21, 2019 ISO Adoption

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Feb 11, 2016 ISO Adoption

PINS Date: Dec 28, 2018 Public Review Start: Feb 8, 2019 Approval Date: May 21, 2019 ISO Adoption

ANSI/AAMI/ISO 11658-2012, Cardiovascular implants and extracorporeal systems - Blood/tissue contact surface modifications for extracorporeal perfusion systems (identical national adoption of ISO 11658)
PINS Date: Oct 23, 2009 Public Review Start: May 6, 2011 Approval Date: Aug 20, 2012 ISO Adoption

PINS Date: May 2, 2014 Public Review Start: Aug 19, 2016 Approval Date: Jan 24, 2018 ISO Adoption
PINS Date: Sep 22, 2017
Public Review Start: May 10, 2019
Approval Date: Dec 16, 2019
ISO Adoption

PINS Date: Public Review Start: May 9, 2014
Approval Date: Nov 16, 2015
ISO Adoption

ANSI/AAMI/ISO 13022-2012, Medical products containing viable human cells -- Application of risk management and requirements for processing practices (identical national adoption of ISO 13022)
PINS Date: May 8, 2009
Public Review Start: Oct 29, 2010
Approval Date: Jun 18, 2012
ISO Adoption

PINS Date: Public Review Start: Aug 5, 2011
Approval Date: Dec 14, 2011
ISO Adoption

PINS Date: Public Review Start: Nov 25, 2016
Approval Date: May 18, 2017
ISO Adoption

PINS Date: May 2, 2014
Public Review Start: Mar 31, 2017
Approval Date: Feb 1, 2018
ISO Adoption

PINS Date: Public Review Start: Feb 13, 2015
Approval Date: Jul 13, 2015
ISO Adoption

PINS Date: Public Review Start: Jan 31, 2014
Approval Date: Oct 13, 2014
ISO Adoption

PINS Date: Public Review Start: May 1, 2015
Approval Date: Aug 3, 2015
ISO Adoption

PINS Date: Public Review Start: Aug 16, 2013
Approval Date: Nov 26, 2013
ISO Adoption

PINS Date: Public Review Start: May 4, 2012
Approval Date: Mar 11, 2013
ISO Adoption

PINS Date: Public Review Start: Aug 4, 2017
Approval Date: Aug 17, 2018
ISO Adoption
ANSI/AAMI/ISO 13485 (Ed.3)-2016 (R2019), Medical devices - Quality management systems - Requirements for regulatory purposes (reaffirmation of ANSI/AAMI/ISO 13485 (Ed.3)-2016)

ANSI/AAMI/ISO 14117-2019, Active implantable medical devices - Electromagnetic compatibility - EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators, and cardiac resynchronization devices (identical national adoption of ISO 14117 (under development) and revision of ANSI/AAMI/ISO 14117-2012)


ANSI/AAMI/ISO 14155-2010, Clinical investigation of medical devices for human subjects - Good clinical practice (identical national adoption of ISO 14155)


ANSI/AAMI/ISO 14708-1-2014, Implants for surgery - Active implantable medical devices - Part 1: General requirements for safety, marking and for information to be provided by the manufacturer (identical national adoption of ISO 14708-1:2014)


PINS Date: Feb 2, 2007
Approval Date: Dec 2, 2013
ISO Adoption

PINS Date: Dec 16, 2016
Public Review Start: Mar 8, 2019
Approval Date: May 10, 2019
ISO Adoption

ANSI/AAMI/ISO 15223-1:2016, Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (identical national adoption of ISO/FDIS 15223-1 and revision of ANSI/AAMI/ISO 15223-1-2012)
PINS Date: Dec 11, 2015
Approval Date: Jan 5, 2017
ISO Adoption

ANSI/AAMI/ISO 15223-2-2016, Medical devices - Symbols to be used with medical device labels, labeling and information to be supplied - Part 2: Symbol development, selection and validation (reaffirmation of ANSI/AAMI/ISO 15223-2:2010)
PINS Date: Dec 11, 2015
Approval Date: Apr 7, 2016
ISO Adoption

ANSI/AAMI/ISO 15674-2016, Cardiovascular implants and artificial organs - Hardshell cardiomyotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags (identical national adoption of ISO 15674 and revision of ANSI/AAMI/ISO 15674-2009 (R2014))
PINS Date: Dec 11, 2015
Public Review Start: Mar 27, 2015
Approval Date: Nov 7, 2016
ISO Adoption

PINS Date: Apr 10, 2015
Public Review Start: May 8, 2015
Approval Date: Nov 7, 2016
ISO Adoption

ANSI/AAMI/ISO 15676-2016, Cardiovascular implants and artificial organs - Requirements for single-use tubing packs for cardiopulmonary bypass and extracorporeal membrane oxygenation (ECMO) (new standard)
PINS Date: Jun 28, 2013
Approval Date: Oct 4, 2013
ISO Adoption

PINS Date: Dec 11, 2015
Approval Date: Jul 7, 2016
ISO Adoption

PINS Date: Dec 11, 2015
Public Review Start: Jul 22, 2016
Approval Date: Jul 31, 2017
ISO Adoption

ANSI/AAMI/ISO 17664-2017, Sterilization of health care products - Information to be provided by the device manufacturer for the processing of medical devices (identical national adoption of ISO 17664)
PINS Date: May 13, 2016
Public Review Start: May 26, 2017
Approval Date: Aug 18, 2017
ISO Adoption

PINS Date: Dec 14, 2012
Public Review Start: Mar 27, 2015
Approval Date: Nov 7, 2016
ISO Adoption

ANSI/AAMI/ISO 18241-2016, Cardiovascular implants and extracorporeal systems - Cardiopulmonary bypass systems - Venous bubble traps (identical national adoption of ISO 18241)
PINS Date: Dec 14, 2012
Public Review Start: Mar 27, 2015
Approval Date: Nov 7, 2016
ISO Adoption

ANSI/AAMI/ISO 18242-2016, Cardiovascular implants and extracorporeal systems - Centrifugal blood pumps (identical national adoption of ISO 18242)
PINS Date: Dec 14, 2012
Public Review Start: Mar 27, 2015
Approval Date: Nov 7, 2016
ISO Adoption

PINS Date: Sep 11, 2015
Public Review Start: Nov 27, 2015
Approval Date: Nov 17, 2016
ISO Adoption

PINS Date: Aug 28, 2015
Public Review Start: Nov 27, 2015
Approval Date: Nov 17, 2016
ISO Adoption

PINS Date: Aug 28, 2015
Public Review Start: Nov 27, 2015
Approval Date: Nov 22, 2016
ISO Adoption

PINS Date: Jul 1, 2016
Public Review Start: Sep 6, 2019
Approval Date: Jan 28, 2020
ISO Adoption

PINS Date: Jul 1, 2016
Public Review Start: Sep 6, 2019
Approval Date: Jan 28, 2020
ISO Adoption

PINS Date: Jul 1, 2016
Public Review Start: Sep 6, 2019
Approval Date: Jan 28, 2020
ISO Adoption
ANSI/AAMI/ISO 23500-4-2019, Preparation and quality management of fluids for haemodialysis and related therapies —Part 4: Concentrates for haemodialysis and related therapies (identical national adoption of ISO 23500-4 and revision of ANSI/AAMI 13958-2014)

PINS Date: Jul 1, 2016
Public Review Start: Sep 6, 2019
Approval Date: Jan 28, 2020


PINS Date: Jul 1, 2016
Public Review Start: Sep 6, 2019
Approval Date: Jan 28, 2020


PINS Date: Mar 29, 2013
Public Review Start: May 9, 2014
Approval Date: Nov 16, 2015


PINS Date: Dec 16, 2011
Approval Date: Dec 4, 2012


PINS Date: Sep 4, 2015
Public Review Start: Nov 24, 2015

ANSI/AAMI/ISO 27185-2012 (R2017), Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements (reaffirmation of ANSI/AAMI/ISO 27185-2012)

PINS Date: Feb 3, 2017
Approval Date: Jun 1, 2017

ANSI/AAMI/ISO 5840-1-2015, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (identical national adoption of ISO 5840-1)

PINS Date: May 9, 2014
Approval Date: Nov 16, 2015


PINS Date: Mar 9, 2013
Public Review Start: May 9, 2014
Approval Date: Nov 16, 2015

ANSI/AAMI/ISO 5840-3-2012, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by minimally invasive techniques (identical national adoption of ISO/DIS 5840-3)

PINS Date: Apr 23, 2010
Public Review Start: Mar 18, 2011
Approval Date: Dec 4, 2012


PINS Date: Aug 20, 2010
Public Review Start: Aug 15, 2014
Approval Date: Aug 2, 2016


PINS Date: Jan 3, 2014
Approval Date: Apr 4, 2014

ISO Adoption
PINS Date: Mar 27, 2015
Approval Date: Dec 6, 2016
ISO Adoption

PINS Date: Oct 4, 2013
Public Review Start: Sep 22, 2017
Approval Date: Dec 16, 2019
ISO Adoption

PINS Date: May 24, 2013
Public Review Start: Sep 27, 2013
Approval Date: Apr 20, 2015
ISO Adoption

ANSI/AAMI/ISO 80369-3-2016, Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications (identical national adoption of ISO 80369-3)
PINS Date: Nov 12, 2010
Public Review Start: Sep 19, 2014
Approval Date: Aug 3, 2016
ISO Adoption

PINS Date: Nov 16, 2018
Public Review Start: Dec 21, 2018
Approval Date: Dec 16, 2019
ISO Adoption

ANSI/AAMI/ISO 80369-5-2016, Small-bore connectors for liquids and gases in healthcare application - Part 5: Connectors for limb cuff inflation applications (identical national adoption of IEC-ISO 80369-5)
PINS Date: Nov 12, 2010
Public Review Start: Feb 7, 2014
Approval Date: Jul 1, 2016
IEC Adoption

ANSI/AAMI/ISO 80369-6-2016, Small-bore connectors for liquids and gases in healthcare applications -- Part 6: Connectors for neuraxial applications (identical national adoption of ISO 80369-6)
PINS Date: Jun 11, 2010
Public Review Start: Sep 19, 2014
Approval Date: Mar 15, 2016
ISO Adoption

ANSI/AAMI/ISO 80369-7-2016, Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors with 6% (Luer) taper for intravascular or hypodermic applications (identical national adoption of ISO 80369-7)
PINS Date: Apr 20, 2012
Approval Date: Sep 27, 2016
ISO Adoption

PINS Date: Nov 2, 2012
Public Review Start: Jun 26, 2013
Approval Date: May 10, 2019
ISO JTC 1 Adoption

PINS Date: Nov 16, 2018
Public Review Start: Jan 11, 2019
Approval Date: May 10, 2019
ISO Adoption

PINS Date: Nov 2, 2015
Public Review Start: Sep 4, 2015
Approval Date: Nov 20, 2015
ISO Adoption
  PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Nov 19, 2015
  ISO Adoption

  PINS Date: Apr 15, 2011 Public Review Start: Mar 9, 2012 Approval Date: Jun 26, 2013
  ISO Adoption

  PINS Date: Public Review Start: Jan 31, 2014 Approval Date: Sep 26, 2014
  ISO Adoption

AARST (American Association of Radon Scientists and Technologists)
  www.aarst.org

  PINS Date: Apr 24, 2015 Public Review Start: Sep 16, 2016 Approval Date: Jan 19, 2017

  PINS Date: Public Review Start: May 19, 2017 Approval Date: Dec 11, 2017

ANSI/AARST CCAH-2020, Reducing Radon in New Construction of One & Two Family Dwellings and Townhouses (revision of ANSI/AARST CCAH-2013)
  PINS Date: Nov 2, 2018 Public Review Start: Jul 12, 2019 Approval Date: Feb 7, 2020

ANSI/AARST MAH-2019, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2014)
  PINS Date: Public Review Start: Apr 5, 2019 Approval Date: Jun 28, 2019

ANSI/AARST MALB-2014, Protocol for Conducting Radon and Radon Decay Product Measurements In Schools and Large Buildings (new standard)
  PINS Date: Mar 2, 2012 Public Review Start: Jun 20, 2014 Approval Date: Dec 5, 2014

  PINS Date: Public Review Start: Sep 23, 2016 Approval Date: Jan 10, 2017

ANSI/AARST MS-PC-2015, Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air (new standard)
  PINS Date: Aug 17, 2007 Public Review Start: Sep 19, 2014 Approval Date: May 26, 2015

  PINS Date: Apr 24, 2015 Public Review Start: Jul 20, 2018 Approval Date: Jun 28, 2019

  PINS Date: Public Review Start: Jun 23, 2017 Approval Date: Dec 11, 2017
PINS Date:       Public Review Start:  Jun 23, 2017
                Approval Date:   Dec 11, 2017

ANSI/AARST RRNC-2020, Rough-in of Radon Control Components in New Construction of 1 & 2 Family Dwellings and Townhouses. (new standard)
PINS Date:   Public Review Start:   Jul 12, 2019
                Approval Date:   Feb 7, 2020

ANSI/AARST SGM-SF-2017, Soil Gas Mitigation Standards for Existing Homes (new standard)
PINS Date:   Public Review Start:   Jul 15, 2016
                Approval Date:   Jan 12, 2017

ABMA (American Brush Manufacturers Association)
www.abma.org

ANSI B165.1-2019, Power Driven Brushing Tools -Safety Requirements for Design, Care and Use (revision of ANSI B165.1-2013)
PINS Date:       Public Review Start:   Nov 2, 2018
                Approval Date:   Jan 11, 2019

ABMA (ASC B3) (American Bearing Manufacturers Association)
www.americanbearings.org

PINS Date:   Public Review Start:   Dec 22, 2017
                Approval Date:   Feb 27, 2018

ISO Adoption

PINS Date:  Public Review Start:   Mar 26, 2010
            Approval Date:   May 19, 2010

ANSI B3.2-1992 (S2010), Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Surface Visual Inspection (stabilized maintenance of ANSI B3.2-1992 (R2008))
PINS Date:   Public Review Start:   Mar 26, 2010
                Approval Date:   May 19, 2010

ANSI B3.3-1992 (S2010), Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Surface Temper Etch (stabilized maintenance of ANSI B3.3-1992 (R2008))
PINS Date:   Public Review Start:   Mar 26, 2010
                Approval Date:   May 19, 2010

PINS Date:   Public Review Start:   Jul 4, 2014
                Approval Date:   Jan 9, 2015

PINS Date:  Public Review Start:   Aug 9, 2013
            Approval Date:   Jul 21, 2014
PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

PINS Date: 
Public Review Start: Nov 1, 2013
Approval Date: Jan 10, 2014

PINS Date: 
Public Review Start: Nov 1, 2013
Approval Date: Jan 10, 2014

PINS Date: Jul 20, 2018
Public Review Start: Aug 31, 2018
Approval Date: Oct 18, 2018

PINS Date: Apr 29, 2011
Approval Date: Jan 10, 2014

PINS Date: Oct 29, 2010
Public Review Start: Sep 9, 2011
Approval Date: Nov 17, 2011

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010

- **PINS Date:** Dec 25, 2009
- **Public Review Start:** Mar 26, 2010
- **Approval Date:** May 19, 2010


- **PINS Date:** Dec 25, 2009
- **Public Review Start:** Mar 26, 2010
- **Approval Date:** May 19, 2010

ANSI/ABMA 25.2-1990 (S2010), *Rolling Bearings, Linear Motion Recirculating Ball, Sleeve Type - Inch Series* (stabilized maintenance of ANSI/ABMA 25.2-1990 (R2008))

- **PINS Date:** Dec 25, 2009
- **Public Review Start:** Mar 26, 2010
- **Approval Date:** May 19, 2010


- **PINS Date:**
- **Public Review Start:** Nov 1, 2013
- **Approval Date:** Jan 10, 2014


- **PINS Date:**
- **Public Review Start:** Nov 1, 2013
- **Approval Date:** Jan 10, 2014


- **PINS Date:**
- **Public Review Start:** Nov 1, 2013
- **Approval Date:** Jan 10, 2014


- **PINS Date:** Dec 25, 2009
- **Public Review Start:** Mar 26, 2010
- **Approval Date:** May 19, 2010


- **PINS Date:** Dec 25, 2009
- **Public Review Start:** Mar 26, 2010
- **Approval Date:** May 19, 2010


- **PINS Date:** Sep 26, 2014
- **Public Review Start:** Nov 14, 2014
- **Approval Date:** Jan 8, 2015
  - **ISO Adoption**


- **PINS Date:** Oct 2, 2015
- **Public Review Start:** Nov 13, 2015
- **Approval Date:** Feb 26, 2016
  - **ISO Adoption**


- **PINS Date:** Dec 25, 2009
- **Public Review Start:** Mar 26, 2010
- **Approval Date:** May 19, 2010
  - **ISO Adoption**


- **PINS Date:** Dec 25, 2009
- **Public Review Start:** Mar 26, 2010
- **Approval Date:** May 19, 2010
  - **ISO Adoption**
PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010
ISO Adoption

PINS Date: Dec 25, 2009
Public Review Start: Mar 26, 2010
Approval Date: May 19, 2010
ISO Adoption

PINS Date: Jan 15, 2016
Public Review Start: Feb 26, 2016
Approval Date: Apr 18, 2016
ISO Adoption

PINS Date: Jan 15, 2016
Public Review Start: Feb 26, 2016
Approval Date: Apr 18, 2016
ISO Adoption

PINS Date: Sep 1, 2017
Public Review Start: Oct 20, 2017
Approval Date: Jul 11, 2018
ISO Adoption

PINS Date: May 5, 2017
Public Review Start: Jun 16, 2017
Approval Date: Aug 4, 2017
ISO Adoption

PINS Date: Aug 15, 2014
Approval Date: Dec 4, 2014
ISO Adoption

PINS Date: Jan 24, 2014
Public Review Start: Sep 26, 2014
Approval Date: Nov 17, 2014
ISO Adoption

PINS Date: Jan 31, 2014
Public Review Start: Jun 13, 2014
Approval Date: Aug 1, 2014
ISO Adoption

PINS Date: Jan 31, 2014
Public Review Start: Jun 13, 2014
Approval Date: Sep 5, 2014
ISO Adoption

PINS Date: Public Review Start: Nov 1, 2013
Approval Date: Jan 10, 2014
ISO Adoption
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ABYC A-23-2018</td>
<td><strong>Sound Signal Appliances</strong> (new standard)</td>
<td>Nov 6, 2015</td>
<td>Apr 20, 2018</td>
<td>Jul 13, 2018</td>
</tr>
</tbody>
</table>
PINS Date:  Oct 24, 2014
Public Review Start:  Feb 23, 2018
Approval Date:  Jul 10, 2018

ANSI/ABYC A-4-2018, Fire Fighting Equipment  (new standard)
PINS Date:  Oct 24, 2014
Public Review Start:  Mar 2, 2018
Approval Date:  Jul 18, 2018

ANSI/ABYC A-6-2018, Refrigeration And Air Conditioning Equipment  (new standard)
PINS Date:  Oct 20, 2017
Public Review Start:  Apr 20, 2018
Approval Date:  Jun 15, 2018

ANSI/ABYC C-1-2016, Primer Bulbs  (new standard)
PINS Date:  Nov 6, 2015
Public Review Start:  Mar 18, 2016
Approval Date:  Jun 22, 2016

ANSI/ABYC C-1500-2019, Ignition Protection for Marine Products  (new standard)
PINS Date:  Sep 14, 2018
Public Review Start:  Feb 22, 2019
Approval Date:  Jul 1, 2019

ANSI/ABYC C-2-2016, Carbon Canisters  (new standard)
PINS Date:  Nov 6, 2015
Public Review Start:  Mar 11, 2016
Approval Date:  Jun 22, 2016

ANSI/ABYC C-3-2018, Alcohol, Kerosene and Solidified Fuel Cooking Appliances for Marine Use  (new standard)
PINS Date:  Nov 24, 2017
Public Review Start:  Apr 20, 2018
Approval Date:  Jul 10, 2018

ANSI/ABYC E-10-2016, Storage Batteries  (revision of ANSI/ABYC E-10-2011)
PINS Date:  Oct 23, 2015
Public Review Start:  May 6, 2016
Approval Date:  Jun 27, 2016

PINS Date:  Nov 17, 2017
Public Review Start:  Apr 20, 2018
Approval Date:  Jul 13, 2018

ANSI/ABYC E-2-2019, Cathodic Protection  (new standard)
PINS Date:  Oct 13, 2017
Public Review Start:  Feb 22, 2019
Approval Date:  May 21, 2019

PINS Date:  Nov 17, 2017
Public Review Start:  Mar 2, 2018
Approval Date:  Jun 15, 2018

ANSI/ABYC EDU-1-2015, On-Water Power Standards  (new standard)
PINS Date:  Jan 3, 2014
Public Review Start:  Aug 29, 2014
Approval Date:  Nov 12, 2015

ANSI/ABYC EDU-2-2016, Skill-Based Human Propelled Standard  (new standard)
PINS Date:  Apr 1, 2016
Public Review Start:  Jun 24, 2016
Approval Date:  Oct 11, 2016

ANSI/ABYC EDU-3-2017, Skills-based Sail Standard  (new standard)
PINS Date:  Nov 11, 2016
Public Review Start:  Feb 17, 2017
Approval Date:  May 25, 2017

ANSI/ABYC EDU-4-2018, On-Water Instruction Standard  (new standard)
PINS Date:  Jul 7, 2017
Public Review Start:  Sep 15, 2017
Approval Date:  Jan 24, 2018

ANSI/ABYC H-1-2019, FIELD OF VISION FROM THE HELM POSITION  (revision of ANSI/ABYC H-1-2010)
PINS Date:  Sep 23, 2016
Public Review Start:  Apr 26, 2019
Approval Date:  Jul 9, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Title</td>
<td>Status</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>----------</td>
<td>-------</td>
<td>--------</td>
<td>-----------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>ANSI/ABYC P-1-2019</td>
<td>Installation of Exhaust Systems for Propulsion and Auxiliary Engines (new standard)</td>
<td></td>
<td>Sep 14, 2018</td>
<td>Feb 22, 2019</td>
<td>Jul 9, 2019</td>
</tr>
<tr>
<td>ANSI/ABYC P-4-2019</td>
<td>Marine Inboard Engines and Transmissions (revision of ANSI/ABYC P-4-2012)</td>
<td></td>
<td>Sep 23, 2016</td>
<td>Feb 22, 2019</td>
<td>Jul 9, 2019</td>
</tr>
<tr>
<td>Standard Code</td>
<td>Title</td>
<td>Date Information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### ANSI/ACCA 5 QI Addendum-2010, HVAC Quality Installation Specification  (supplement to ANSI/ACCA 5 QI-2010)
- **PINS Date:** Feb 1, 2013
- **Public Review Start:** Apr 12, 2013
- **Approval Date:** May 28, 2013

### ANSI/ACCA 5 QI-2015, HVAC Quality Installation Specifications  (revision of ANSI/ACCA 5 QI-2010)
- **PINS Date:** May 17, 2013
- **Public Review Start:** May 1, 2015
- **Approval Date:** Jun 19, 2015

### ANSI/ACCA 6 QR-2015, Restoring the Cleanliness of HVAC Systems  (revision of ANSI/ACCA 6 QR-2007)
- **PINS Date:** Jul 20, 2012
- **Public Review Start:** May 22, 2015
- **Approval Date:** Jul 9, 2015

### ANSI/ACCA 9 Qlvp Standard-2016, HVAC Quality Installation Verification Protocols  (revision of ANSI/ACCA 9 Qlvp-2011)
- **PINS Date:** May 2, 2014
- **Public Review Start:** Jan 22, 2016
- **Approval Date:** Apr 20, 2016

### ACCT (Association for Challenge Course Technology)
[www.acctinfo.org](http://www.acctinfo.org)

### ANSI/ACCT 03-2019, Challenge Course and Canopy/Zip Line Tours Standards  (revision of ANSI/ACCT 03-2016)
- **PINS Date:** Oct 6, 2017
- **Public Review Start:** Dec 7, 2018
- **Approval Date:** Jul 18, 2019

### ACMA (American Composites Manufacturers Association)
[www.icpa-hq.org](http://www.icpa-hq.org)

### ANSI/ACMA UEF-1-2019, Estimating Emission Factors from Open Molding and Other Composite Processes  (revision of ANSI/ACMA UEF-1-2011a)
- **PINS Date:** Nov 27, 2015
- **Public Review Start:** Mar 30, 2018
- **Approval Date:** Jul 31, 2019

- **PINS Date:** Feb 17, 2017
- **Public Review Start:** Apr 14, 2017
- **Approval Date:** Aug 30, 2017

- **PINS Date:** Mar 25, 2016
- **Public Review Start:** Dec 1, 2017
- **Approval Date:** Sep 13, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020

PINS Date: Public Review Start: Approval Date:  
July 6, 2018 Oct 31, 2018


PINS Date: Public Review Start: Approval Date:  
August 23, 2013 May 29, 2015 October 31, 2018


PINS Date: Public Review Start: Approval Date:  
August 29, 2008 December 26, 2008 October 31, 2018

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
August 6, 2010 November 14, 2011

ISO Adoption

ANSI/ADA Standard No. 1084-2019, *Reference Core Data Set for Communication Among Dental and Other Health Information Systems* (new standard)

PINS Date: Public Review Start: Approval Date:  
September 14, 2018 February 15, 2019

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
March 8, 2013 January 12, 2018

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
April 21, 2017 January 31, 2020

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
March 17, 2017 August 25, 2017

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
December 6, 2013 August 7, 2015

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
September 28, 2018 August 30, 2019

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
September 1, 2006 November 17, 2017

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
March 8, 2013 September 5, 2014

ISO Adoption


PINS Date: Public Review Start: Approval Date:  
March 8, 2013 February 14, 2014

ISO Adoption
PINS Date:   Feb 15, 2019
Approval Date:   Aug 26, 2019

PINS Date:   Jan 12, 2018
Public Review Start:   Jun 29, 2018
Approval Date:   Oct 31, 2018

ISO Adoption

PINS Date:   Aug 11, 2017
Public Review Start:   Nov 17, 2017
Approval Date:   May 18, 2018

ISO Adoption

PINS Date:   Aug 11, 2017
Public Review Start:   Nov 17, 2017
Approval Date:   May 18, 2018

ISO Adoption

PINS Date:   May 30, 2008
Public Review Start:   Sep 5, 2014
Approval Date:   Jan 29, 2015

ISO Adoption

PINS Date:   Feb 15, 2019
Public Review Start:   Aug 30, 2019
Approval Date:   Jan 31, 2020

ISO Adoption

PINS Date:   Feb 13, 2009
Public Review Start:   Dec 5, 2014
Approval Date:   May 29, 2015

PINS Date:   Feb 13, 2009
Public Review Start:   Nov 14, 2014
Approval Date:   May 29, 2015

PINS Date:   Aug 11, 2017
Public Review Start:   Nov 17, 2017
Approval Date:   May 18, 2018

ISO Adoption

PINS Date:   Jan 12, 2018
Public Review Start:   Aug 30, 2019
Approval Date:   Jan 31, 2020

ISO Adoption

PINS Date:   Public Review Start:   Jan 12, 2018
Approval Date:   Oct 31, 2018

ISO Adoption

PINS Date:   Aug 30, 2019
Public Review Start:   Jan 31, 2020
Approval Date:   May 7, 2020

ISO Adoption
PINS Date: Public Review Start: Feb 8, 2013 Approval Date: May 28, 2013 ISO Adoption

PINS Date: Jul 4, 2014 Public Review Start: Nov 14, 2014 Approval Date: May 29, 2015 ISO Adoption

PINS Date: Mar 17, 2017 Public Review Start: Aug 30, 2019 Approval Date: Jan 31, 2020 ISO Adoption

PINS Date: Feb 15, 2019 Public Review Start: Aug 30, 2019 Approval Date: Jan 31, 2020 ISO Adoption

ANSI/ADA Standard No. 159-2018, Coiled Springs for Use in Orthodontics (identical national adoption of ISO 17254:2016)
PINS Date: Aug 11, 2017 Public Review Start: Nov 17, 2017 Approval Date: May 18, 2018 ISO Adoption

PINS Date: Nov 15, 2019 Public Review Start: Jan 31, 2020 Approval Date: May 7, 2020 ISO Adoption

PINS Date: Aug 11, 2017 Public Review Start: Nov 17, 2017 Approval Date: May 18, 2018 ISO Adoption

PINS Date: Aug 11, 2017 Public Review Start: Nov 17, 2017 Approval Date: May 18, 2018 ISO Adoption

PINS Date: Aug 11, 2017 Public Review Start: Nov 17, 2017 Approval Date: May 18, 2018 ISO Adoption

PINS Date: Jun 29, 2018 Public Review Start: Sep 14, 2018 Approval Date: Aug 26, 2019 ISO Adoption

PINS Date: Public Review Start: Feb 28, 2014 Approval Date: Sep 8, 2014 ISO Adoption

PINS Date: Jun 29, 2018 Public Review Start: Sep 14, 2018 Approval Date: Aug 26, 2019 ISO Adoption
<table>
<thead>
<tr>
<th>ANSI/ADA Standard No.</th>
<th>Title</th>
<th>ISO Adoption</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ADA Standard No.</td>
<td>Date &amp; Details</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30-2013 (R2018)</td>
<td>Dental Zinc Oxide - Eugenol and Zinc Oxide - Non-Eugenol Cements (reaffirmation of ANSI/ADA Standard No. 30-2013)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Jan 12, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Oct 31, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Jan 22, 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Jul 29, 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Sep 12, 2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: May 6, 2011</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Feb 19, 2013</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>34 (ISO 9997)-2013</td>
<td>Dental Cartridge Syringes (identical national adoption of ISO 9997:1999)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Sep 14, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Feb 15, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Aug 26, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35-2019</td>
<td>Dental Handpieces and Motors (identical national adoption of ISO 14457:2017)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Sep 14, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Feb 15, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Aug 26, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Oct 30, 2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Dec 15, 2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Feb 20, 2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Oct 26, 2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Oct 26, 2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Apr 20, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Aug 30, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jan 31, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Aug 30, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Jan 31, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: May 7, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Aug 30, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Jan 31, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: May 7, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Aug 30, 2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Jan 31, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: May 7, 2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Sep 25, 2009</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Jan 22, 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jun 22, 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>47-2006 (R2017)</td>
<td>Dental Units (reaffirmation of ANSI/ADA 47-2006)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date: Nov 4, 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Jan 17, 2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jan 17, 2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020


PINS Date:  
Public Review Start:  Feb 13, 2015  
Approval Date:  Oct 26, 2015
ISO Adoption


PINS Date:  Aug 30, 2019  
Public Review Start:  Jan 31, 2020  
Approval Date:  May 7, 2020
ISO Adoption


PINS Date:  Aug 30, 2019  
Public Review Start:  Jan 31, 2020  
Approval Date:  May 7, 2020
ISO Adoption


PINS Date:  Dec 21, 2018  
Public Review Start:  Aug 30, 2019  
Approval Date:  Jan 31, 2020
ISO Adoption


PINS Date:   
Public Review Start:  Feb 14, 2014  
Approval Date:  Sep 8, 2014


PINS Date:  
Public Review Start:  Dec 16, 2011  
Approval Date:  Aug 22, 2012


PINS Date:  
Public Review Start:  Feb 27, 2015  
Approval Date:  Oct 26, 2015
ISO Adoption


PINS Date:  
Approval Date:  Dec 15, 2015
ISO Adoption


PINS Date:  Mar 4, 2011  
Public Review Start:  May 10, 2013  
Approval Date:  Aug 12, 2013
ISO Adoption


PINS Date:  Aug 30, 2019  
Public Review Start:  Jan 31, 2020  
Approval Date:  May 7, 2020
ISO Adoption


PINS Date:  
Public Review Start:  Jun 18, 2010  
Approval Date:  Sep 20, 2010
ISO Adoption


PINS Date:  
Public Review Start:  Mar 15, 2013  
Approval Date:  Jun 12, 2013
ISO Adoption

ANSI/ADA Standard No. 73-2008 (R2013), Root Canal Absorbent Points (reaffirmation of ANSI/ADA Standard No. 73-2008 (R2013))

PINS Date:  
Public Review Start:  Aug 30, 2019  
Approval Date:  Jan 31, 2020
ISO Adoption

ANSI/ADA Standard No. 74-2010 (R2015), Dental Operator’s Stool (reaffirmation of ANSI/ADA Specification No. 74-2010)

PINS Date:  
Public Review Start:  Feb 13, 2015  
Approval Date:  Oct 26, 2015
ISO Adoption
PINS Date: Aug 30, 2019
Public Review Start: Jan 31, 2020
Approval Date: May 7, 2020
ISO Adoption

ANSI/ADA Standard No. 78-2013 (R2020), Dental Obturating Cones (reaffirm a national adoption ANSI/ADA Standard No. 78-2013)
PINS Date:
Public Review Start: Aug 30, 2019
Approval Date: Jan 31, 2020
ISO Adoption

PINS Date:
Public Review Start: Aug 30, 2019
Approval Date: Jan 31, 2020
ISO Adoption

PINS Date:
Public Review Start: Feb 28, 2014
Approval Date: Sep 8, 2014

PINS Date: Jan 12, 2018
Public Review Start: Sep 14, 2018
Approval Date: Aug 26, 2019
ISO Adoption

PINS Date: Mar 17, 2017
Public Review Start: Aug 25, 2017
Approval Date: Dec 21, 2017
ISO Adoption

PINS Date:
Public Review Start: Feb 28, 2014
Approval Date: Sep 8, 2014

PINS Date: Mar 4, 2011
Public Review Start: Aug 30, 2019
Approval Date: Sep 13, 2013

PINS Date: Jan 12, 2018
Public Review Start: Aug 30, 2019
Approval Date: Jan 31, 2020
ISO Adoption

PINS Date: Aug 30, 2019
Public Review Start: Jan 31, 2020
Approval Date: May 7, 2020
ISO Adoption

PINS Date:
Public Review Start: Feb 8, 2013
Approval Date: May 28, 2013

AGA (ASC B109) (American Gas Association)
www.ag.org

ANSI B109.1-2019, ASD B109.1 Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet Hour Capacity) (new standard)
PINS Date: Sep 30, 2016
Public Review Start: Jan 18, 2019
Approval Date: Apr 8, 2019
ANSI B109.2-2020, Diaphragm-Type Gas Displacement Meters (500 Cubic Feet Hour Capacity and Over) (new standard)
PINS Date: Dec 4, 2009
Public Review Start: Dec 6, 2019
Approval Date: Mar 16, 2020

ANSI B109.3-2019, ASD B109.3 Rotary-Type Gas Displacement Meters (revision of ANSI B109.3-2000 (R2008))
PINS Date: Oct 20, 2017
Public Review Start: Nov 30, 2018
Approval Date: Feb 5, 2019

ANSI B109.4-2017, Self-Operated Diaphragm Type Natural Gas Service Regulators (revision of ANSI B109.4-1998 (R2008))
PINS Date: Aug 1, 2014
Public Review Start: Sep 2, 2016
Approval Date: Feb 3, 2017

AGA (ASC Z223) (American Gas Association)
www.agaa.org

PINS Date: May 18, 2018
Public Review Start: Oct 18, 2019
Approval Date: Apr 2, 2020

AGA (ASC Z380) (American Gas Association)
www.agaa.org

PINS Date: Public Review Start: May 24, 2019
Approval Date: Jul 31, 2019

PINS Date: Public Review Start: Jun 1, 2018
Approval Date: Sep 20, 2018

PINS Date: Public Review Start: Sep 21, 2018
Approval Date: Feb 1, 2019

PINS Date: Public Review Start: Jan 25, 2019
Approval Date: May 21, 2019

PINS Date: Public Review Start: Sep 20, 2019
Approval Date: Dec 19, 2019

AGMA (American Gear Manufacturers Association)
www.agma.org

PINS Date: Public Review Start: May 10, 2019
Approval Date: Feb 6, 2020

ANSI/AGMA 1006-A97 (R2016), Tooth Proportions for Plastic Gears (reaffirmation of ANSI/AGMA 1006-A97 (R2009))
PINS Date: Public Review Start: Jun 13, 2014
Approval Date: Aug 29, 2016
<table>
<thead>
<tr>
<th>ANSI/AGMA Standard</th>
<th>Description</th>
<th>Date Reaffirmed/Designated</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>

Provided by American National Standards Institute | www.ansi.org | Monday, June 15, 2020 | PAGE | 41
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date:  
- Public Review Start: Aug 30, 2019  
- Approval Date: Dec 17, 2019

- PINS Date:  
- Public Review Start: Jun 13, 2014  
- Approval Date: Sep 2, 2015

ANSI/AGMA 2101-D04-2010 (R2016), *Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth* (reaffirmation of ANSI/AGMA 2101-D04 (R2010))
- PINS Date:  
- Public Review Start: Jul 17, 2015  
- Approval Date: Mar 16, 2016

ANSI/AGMA 2111-A98 (R2015), *Cylindrical Wormgearing Tolerance and Inspection Methods (Metric)* (reaffirmation of ANSI/AGMA 2111-A98 (R2010))
- PINS Date:  
- Public Review Start: Mar 13, 2015  
- Approval Date: Dec 4, 2015

- PINS Date:  
- Approval Date: Feb 2, 2017

- PINS Date:  
- Public Review Start: May 11, 2018  
- Approval Date: Jan 18, 2019

- PINS Date:  
- Public Review Start: Jul 19, 2019  
- Approval Date: Feb 6, 2020

- PINS Date:  
- Public Review Start: Dec 29, 2017  
- Approval Date: Feb 11, 2020

ANSI/AGMA 6008-A98 (R2017), *Specifications for Powder Metallurgy Gears* (reaffirmation of ANSI/AGMA 6008-A98 (R2012))
- PINS Date:  
- Public Review Start: Jul 7, 2017  
- Approval Date: Dec 14, 2017

- PINS Date:  
- Public Review Start: Apr 26, 2019  
- Approval Date: Dec 19, 2019

- PINS Date:  
- Approval Date: Apr 5, 2016
PINS Date: May 27, 2011
Public Review Start: Feb 27, 2015
Approval Date: Oct 21, 2015

PINS Date: Dec 14, 2018
Public Review Start: Jun 8, 2018
Approval Date: Dec 17, 2018

PINS Date: Aug 5, 2016
Public Review Start: Jan 19, 2019
Approval Date: Jan 18, 2019

ANSI/AGMA 6025-B-2013 (R2018), Standard for Marine Gear Units: Rating and Application for Spur and Helical Gear Teeth (reaffirmation of ANSI/AGMA 6025-B-2013)
PINS Date: Aug 5, 2016
Public Review Start: Jul 20, 2018
Approval Date: Dec 14, 2018

PINS Date: Jul 20, 2018
Public Review Start: Jul 20, 2018
Approval Date: Dec 14, 2018

ANSI/AGMA 6033-C08 (R2020), Materials for Marine Propulsion Gearing (reaffirmation of ANSI/AGMA 6033-C08 (R2014))
PINS Date: Jul 19, 2019
Public Review Start: Jul 19, 2019
Approval Date: Feb 7, 2020

ANSI/AGMA 6034-B92-2010 (R2016), Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors (reaffirmation of ANSI/AGMA 6034-B92 (R2010))
PINS Date: Aug 5, 2016
Public Review Start: Jul 19, 2019
Approval Date: Feb 7, 2020

PINS Date: May 27, 2011
Public Review Start: May 11, 2018
Approval Date: Feb 1, 2019

PINS Date: Sep 30, 2016
Public Review Start: Jul 20, 2018
Approval Date: Dec 14, 2018

PINS Date: May 27, 2011
Public Review Start: Feb 27, 2015
Approval Date: Oct 21, 2015
- **PINS Date:** Jun 8, 2018
- **Approval Date:** Dec 14, 2018

- **PINS Date:** Mar 2, 2012
- **Public Review Start:** Jun 6, 2014
- **Approval Date:** Aug 26, 2016

- **PINS Date:** Jul 20, 2018
- **Approval Date:** Dec 14, 2018

- **PINS Date:** Feb 7, 2020
- **Approval Date:** Jul 19, 2019

- **PINS Date:** May 14, 2019
- **Approval Date:** Dec 21, 2018

### ANSI/AGMA 9000-D11-2011 (R2016), Flexible Couplings - Potential Unbalance Classification (reaffirmation of ANSI/AGMA 9000-2011)
- **PINS Date:** Dec 8, 2016
- **Approval Date:** Jul 8, 2016

### ANSI/AGMA 9001-C-2018, Flexible Couplings Lubrication (revision and redesignation of ANSI/AGMA 9001-B97 (R2014))
- **PINS Date:** Jun 14, 2013
- **Public Review Start:** Jan 19, 2018
- **Approval Date:** Jun 15, 2018

### ANSI/AGMA 9002-C2014 (R2020), Bores and Keyways for Flexible Couplings (Inch Series) (reaffirmation of ANSI/AGMA 9002-C2014)
- **PINS Date:** Jun 8, 2020

### ANSI/AGMA 9003-C-2017, Flexible Couplings - Keyless Fits (revision of ANSI/AGMA 9003-B-2008 (R2014))
- **PINS Date:** Sep 6, 2017
- **Approval Date:** Jun 15, 2018

### ANSI/AGMA 9004-B08 (R2020), Flexible Couplings -- Mass Elastic Properties and Other Characteristics (reaffirmation of ANSI/AGMA 9004-B-2008 (R2014))
- **PINS Date:** Apr 23, 2020
- **Approval Date:** Apr 26, 2019

### ANSI/AGMA 9005-F-2016, Industrial Gear Lubrication (revision of ANSI/AGMA 9005-E-2002 (R2013))
- **PINS Date:** Mar 23, 2016
- **Approval Date:** Jun 15, 2012

### ANSI/AGMA 9006-A-2016, Flexible Couplings - Basis for Rating (new standard)
- **PINS Date:** Apr 18, 2016
- **Approval Date:** Sep 18, 2015

### ANSI/AGMA 9008-B99 (R2017), Flexible Couplings - Gear Type - Flange Dimensions (Inch Series) (reaffirmation of ANSI/AGMA 9008-B99 (R2012))
- **PINS Date:** Dec 19, 2017
- **Approval Date:** Jul 7, 2017
ANSI/AGMA 9009-EXX-2020, Flexible Couplings – Nomenclature for Flexible Couplings (revision and redesignation of ANSI/AGMA 9009-D02 (R2014))
PINS Date: May 31, 2013
Public Review Start: Feb 14, 2020
Approval Date: Jun 8, 2020

PINS Date: Aug 5, 2016
Public Review Start: Sep 1, 2017
Approval Date: Dec 6, 2017

PINS Date: Public Review Start: Jul 7, 2017
Approval Date: Dec 19, 2017

PINS Date: Public Review Start: Jul 8, 2016
Approval Date: Dec 8, 2016

PINS Date: Feb 25, 2011
Public Review Start: Aug 17, 2012
Approval Date: Feb 4, 2015

PINS Date: Dec 20, 2013
Public Review Start: Jan 17, 2014
Approval Date: Sep 30, 2014
ISO Adoption

PINS Date: Public Review Start: Jun 14, 2013
Approval Date: Mar 12, 2014
ISO Adoption

PINS Date: Public Review Start: Oct 21, 2005
Approval Date: Sep 29, 2006
ISO Adoption

PINS Date: Feb 24, 2017
Public Review Start: Mar 31, 2017
Approval Date: Dec 12, 2017
ISO Adoption

PINS Date: Public Review Start: Jun 14, 2013
Approval Date: Mar 11, 2014
ISO Adoption

AGSC (Auto Glass Safety Council)
www.agsc.org

PINS Date: Public Review Start: Jun 22, 2018
Approval Date: Aug 23, 2018
ISO Adoption
AHAM (Association of Home Appliance Manufacturers)
www.aham.org

PINS Date: Jul 30, 2010
Public Review Start: Feb 14, 2014
Approval Date: May 13, 2015

ANSI/AHAM DW-1-2010, HOUSEHOLD ELECTRIC DISHWASHERS (revision of ANSI/AHAM DW-1-2005)
PINS Date: Mar 6, 2009
Public Review Start: Jan 22, 2010
Approval Date: Sep 10, 2010

ANSI/AHAM PAC-1-2015, Portable Air Conditioners (revision of ANSI/AHAM PAC-1-2009)
PINS Date: Jan 25, 2013
Public Review Start: Jul 11, 2014
Approval Date: Jun 19, 2015

ANSI/AHAM RAC-1-2015, Room Air Conditioners (revision of ANSI/AHAM RAC-1-2008)
PINS Date: Apr 12, 2013
Public Review Start: Feb 14, 2014
Approval Date: May 13, 2015

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)
www.ahrinet.org

PINS Date: Mar 29, 2013
Public Review Start: Feb 20, 2015
Approval Date: May 15, 2015

PINS Date: Feb 10, 2006
Approval Date: Mar 5, 2009

PINS Date: Mar 29, 2013
Public Review Start: Feb 20, 2015
Approval Date: May 19, 2015

PINS Date: Aug 17, 2012
Public Review Start: Sep 14, 2012
Approval Date: Nov 30, 2012

ANSI/AHRI Standard 1110 (I-P)-2013, Performance Rating of Mechanical Transport Refrigeration Units (new standard)
PINS Date: Mar 29, 2013
Public Review Start: Aug 9, 2013
Approval Date: Sep 30, 2013

ANSI/AHRI Standard 1111 (SI)-2013, Performance Rating of Mechanical Transport Refrigeration Units (new standard)
PINS Date: Mar 29, 2013
Public Review Start: Aug 9, 2013
Approval Date: Sep 30, 2013

PINS Date: Jul 3, 2009
Public Review Start: Feb 21, 2014
Approval Date: Apr 15, 2014
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Jan 16, 2015
Approval Date: Nov 6, 2015

ANSI/AHRI Standard 1280-2015, Sound Power Rating of Water-cooled Chillers (new standard)
PINS Date: 
Public Review Start: Jun 3, 2015
Approval Date: 

PINS Date: Jun 18, 2010
Public Review Start: Aug 9, 2013
Approval Date: Sep 30, 2013

PINS Date: Jun 18, 2010
Public Review Start: Aug 9, 2013
Approval Date: Sep 30, 2013

PINS Date: Feb 3, 2012
Public Review Start: Mar 2, 2012
Approval Date: Apr 17, 2012

PINS Date: Feb 3, 2012
Public Review Start: Mar 2, 2012
Approval Date: Apr 17, 2012

PINS Date: Jun 3, 2011
Public Review Start: Aug 29, 2014
Approval Date: Apr 20, 2015

ANSI/AHRI Standard 1350 (I-P)-2014, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)
PINS Date: Jan 16, 2015
Public Review Start: Feb 20, 2015
Approval Date: May 19, 2015

ANSI/AHRI Standard 1351 (SI)-2015, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)
PINS Date: Jan 16, 2015
Public Review Start: Feb 20, 2015
Approval Date: May 19, 2015

PINS Date: May 9, 2014
Public Review Start: May 20, 2016
Approval Date: Jul 8, 2016

PINS Date: May 9, 2014
Public Review Start: May 20, 2016
Approval Date: Jul 8, 2016

ANSI/AHRI Standard 1500-2014, Method to Determine Efficiency of Commercial Space Heating Boilers (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Sep 12, 2014
Approval Date: Nov 19, 2014

PINS Date: Sep 7, 2012
Approval Date: Jan 15, 2013
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jul 24, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Sep 25, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 6, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Dec 27, 2013</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Feb 21, 2014</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 15, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Dec 27, 2013</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Feb 21, 2014</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 16, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Oct 19, 2012</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Apr 12, 2013</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jun 26, 2013</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Oct 19, 2012</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Apr 12, 2013</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jun 26, 2013</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jul 19, 2002</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Jul 17, 2009</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 11, 2009</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Oct 15, 2010</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 5, 2010</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 4, 2011</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/AHRI Standard 280-2012</th>
<th>Requirements for the Qualification of Reverberation Rooms in the 63 Hz Octave Band (revision of ANSI/AHRI Standard 280-2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jan 6, 2012</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Jan 20, 2012</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 17, 2012</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Feb 19, 2016</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>May 20, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jul 8, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jul 15, 2011</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Aug 5, 2011</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 27, 2011</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Feb 19, 2016</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>May 20, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jul 15, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jul 17, 2009</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 5, 2010</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 4, 2011</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jul 17, 2009</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 5, 2010</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 4, 2011</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Jun 26, 2015
Approval Date: Nov 6, 2015

ANSI/AHRI Standard 400 (I-P)-2015, Performance Rating of Liquid to Liquid Heat Exchangers (new standard)
PINS Date: Jun 26, 2015
Approval Date: Nov 6, 2015

PINS Date: Feb 18, 2011
Public Review Start: Mar 18, 2011
Approval Date: Jun 10, 2011

ANSI/AHRI Standard 401 (SI)-2015, Performance Rating of Liquid to Liquid Heat Exchangers (new standard)
PINS Date: Jun 26, 2015
Approval Date: Nov 6, 2015

PINS Date: Sep 3, 2004
Public Review Start: Jul 17, 2009
Approval Date: Dec 11, 2009

PINS Date: Jul 3, 2009
Public Review Start: Mar 5, 2010
Approval Date: Aug 2, 2010

PINS Date: May 29, 2009
Public Review Start: Jul 3, 2009
Approval Date: Dec 11, 2009

PINS Date: Feb 10, 2006
Approval Date: Mar 5, 2009

ANSI/AHRI Standard 470-2006, Performance Rating of Desuperheater/Water Heaters (new standard)
PINS Date: Jan 25, 2008
Approval Date: May 20, 2009

PINS Date: Jan 6, 2012
Public Review Start: Jan 20, 2012
Approval Date: Apr 17, 2012

PINS Date: Jan 6, 2012
Public Review Start: Jan 20, 2012
Approval Date: Apr 16, 2012

PINS Date: Jan 25, 2008
Approval Date: May 20, 2009

PINS Date: Jan 25, 2008
Approval Date: May 20, 2009

PINS Date: Jul 15, 2011
Public Review Start: Aug 12, 2011
Approval Date: Nov 3, 2011
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date: Feb 21, 2014
- Approval Date: Apr 7, 2016

- PINS Date: Oct 19, 2012
- Public Review Start: Apr 12, 2013
- Approval Date: Jun 12, 2013

ANSI/AHRI Standard 550/590 (I-P)-2012 with Addendum 1, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units (new standard)
- PINS Date: Feb 21, 2014
- Approval Date: Apr 7, 2016

ANSI/AHRI Standard 555-2009, Method of Measuring Sound Within an Equipment Space (new standard)
- PINS Date: Jan 25, 2008
- Public Review Start: Jul 17, 2009
- Approval Date: Jan 13, 2010

- PINS Date: Feb 19, 2016
- Public Review Start: May 20, 2016
- Approval Date: Jul 8, 2016

- PINS Date: Oct 19, 2012
- Public Review Start: Apr 12, 2013
- Approval Date: Jun 12, 2013

- PINS Date: Mar 21, 2014
- Public Review Start: Aug 29, 2014
- Approval Date: Nov 19, 2014

- PINS Date: Mar 21, 2014
- Public Review Start: Aug 29, 2014
- Approval Date: Nov 19, 2014

- PINS Date: Feb 10, 2006
- Approval Date: Feb 25, 2009

- PINS Date: Jul 6, 2012
- Public Review Start: Apr 12, 2013
- Approval Date: Jun 12, 2013

- PINS Date: Mar 21, 2014
- Public Review Start: Aug 29, 2014
- Approval Date: Nov 19, 2014

- PINS Date: Mar 21, 2014
- Public Review Start: Aug 29, 2014
- Approval Date: Nov 19, 2014

- PINS Date: Mar 21, 2014
- Public Review Start: Aug 29, 2014
- Approval Date: Nov 19, 2014

- PINS Date: Feb 10, 2006
- Approval Date: Feb 25, 2009

- PINS Date: Jul 6, 2012
- Public Review Start: Apr 12, 2013
- Approval Date: Jun 12, 2013

- PINS Date: Mar 21, 2014
- Public Review Start: Aug 29, 2014
- Approval Date: Nov 19, 2014

- PINS Date: Mar 21, 2014
- Public Review Start: Aug 29, 2014
- Approval Date: Nov 19, 2014

- PINS Date: Feb 10, 2006
- Approval Date: Feb 25, 2009
Approved American National Standards

PINS Date: Feb 19, 2016
Public Review Start: May 20, 2016
Approval Date: Jul 8, 2016

PINS Date: Feb 19, 2016
Public Review Start: May 20, 2016
Approval Date: Jul 8, 2016

PINS Date: Feb 18, 2011
Public Review Start: Jun 3, 2011
Approval Date: Aug 4, 2011

PINS Date: Jul 17, 2009
Public Review Start: Mar 5, 2010
Approval Date: Aug 2, 2010

PINS Date: Jul 17, 2009
Public Review Start: Mar 5, 2010
Approval Date: Aug 2, 2010

PINS Date: Jun 27, 2014
Public Review Start: Aug 29, 2014
Approval Date: Apr 14, 2015

ANSI/AHRI Standard 716 (SI)-2015, Performance Rating of Liquid-Line Filters (new standard)
PINS Date: Jun 27, 2014
Public Review Start: Aug 29, 2014
Approval Date: Apr 14, 2015

PINS Date: Jan 17, 2014
Public Review Start: Feb 21, 2014
Approval Date: Apr 15, 2014

PINS Date: Jan 17, 2014
Public Review Start: Feb 21, 2014
Approval Date: Apr 15, 2014

PINS Date: Jul 3, 2009
Approval Date: Nov 6, 2015

PINS Date: Jan 25, 2008
Approval Date: May 20, 2009

PINS Date: Jan 16, 2015
Public Review Start: Feb 20, 2015
Approval Date: May 15, 2015

PINS Date: Jan 25, 2008
Approval Date: May 20, 2009
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>Date of Approval</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/AHRI Standard</td>
<td>Title</td>
<td>Year</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------------------------------------</td>
<td>------------</td>
<td>------------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>ANSI/AIAA Standard</td>
<td>Description</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------</td>
<td>-----------</td>
<td>---------------------</td>
<td>--------------</td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020


PINS Date:          
Public Review Start: Jun 2, 2017
Approval Date:     Sep 20, 2017

---


PINS Date:          
Public Review Start: Apr 29, 2016
Approval Date:   Sep 1, 2016

---


PINS Date:          
Approval Date:   Oct 21, 2016

---


PINS Date:          
Public Review Start: Jun 14, 2019
Approval Date:     Jul 31, 2019

---

ANSI/AISC 303-2016, Code of Standard Practice for Steel Buildings and Bridges (new standard)

PINS Date:          
Public Review Start: Apr 1, 2016
Approval Date:     Jun 15, 2016

---


PINS Date:          
Public Review Start: Dec 18, 2015
Approval Date:     Jul 12, 2016

---


PINS Date:            
Public Review Start: Mar 27, 2015
Approval Date:   May 12, 2016

---

ANSI/AISC 358-S1-2018, Supplement No. 1 to AISC 358-16 Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (supplement to ANSI/AISC 358-2016)

PINS Date:            
Public Review Start: Jan 12, 2018
Approval Date:   Jul 26, 2018

---

ANSI/AISC 358-S2-2020, Supplement No. 2 to AISC 358-16 Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (supplement to ANSI/AISC 358-16; ANSI/AISC 358s1-18)

PINS Date:            
Public Review Start: Aug 9, 2019
Approval Date:   Apr 10, 2020

---


PINS Date:          
Public Review Start: Dec 18, 2015
Approval Date:     Jul 7, 2016

---

ANSI/AISC N690-2018, Specification for Safety-Related Steel Structures for Nuclear Facilities (revision, redesignation and consolidation of)

PINS Date:          
Public Review Start: Jan 26, 2018
Approval Date:     Jun 28, 2018

---


PINS Date:          
Public Review Start: Dec 5, 2014
Approval Date:     Aug 11, 2015

---

AISC   (American Institute of Steel Construction)  
www.aisc.org

---

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 56
Approved American National Standards

AISI (American Iron and Steel Institute)
www.steel.org

ANSI/AISI S100-2016, North American Specification for the Design of Cold-Formed Steel Structural Members (revision of ANSI/AISI S100-2012)
PINS Date: Aug 15, 2014
Public Review Start: May 20, 2016
Approval Date: Aug 5, 2016

ANSI/AISI S100-2016/S1-2018, Supplement 1 to North American Specification for the Design of Cold-Formed Steel Structural Members (supplement to ANSI/AISI S100-2016)
PINS Date: Apr 6, 2018
Public Review Start: Nov 2, 2018
Approval Date: Dec 11, 2018

PINS Date: Aug 3, 2012
Public Review Start: Oct 5, 2012
Approval Date: Nov 29, 2012

ANSI/AISI S201-2017, North American Standard for Cold-Formed Steel Framing - Product Data (revision of ANSI/AISI S201-2012)
PINS Date: Aug 15, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S202-2015, Code of Standard Practice for Cold-Formed Steel Structural Framing (revision of ANSI/AISI S202-2011)
PINS Date: Aug 15, 2014
Public Review Start: Mar 20, 2015
Approval Date: Aug 20, 2015

PINS Date: Aug 15, 2014
Approval Date: Oct 21, 2015

PINS Date: Apr 8, 2016
Public Review Start: Nov 2, 2018
Approval Date: Apr 30, 2019

PINS Date: Sep 7, 2012
Approval Date: Oct 22, 2015

PINS Date: Apr 5, 2013
Public Review Start: Oct 9, 2015
Approval Date: Dec 1, 2015
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S902-2017, Test Standard for Determining the Effective Area of Cold-Formed Steel Compression Members (revision of ANSI/AISI S902-2013)
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S904-2017, Test Standard for Determining the Tensile and Shear Strengths of Steel Screws (revision of ANSI/AISI S904-2013)
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S905-2008/S1-2012, Supplement 1 to Test Methods for Mechanically Fastened Cold-Formed Steel Connections (supplement to ANSI/AISI S905-2008)
PINS Date: May 13, 2011
Public Review Start: Nov 11, 2011
Approval Date: Mar 2, 2012

ANSI/AISI S905-2017, Test Standard for Determining the Strength and Deformation Characteristics of Cold-Formed Steel Connections (revision of ANSI/AISI S905-2013)
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S907-2017, Test Standard for Determining the Strength and Stiffness of Cold-Formed Steel Diaphragms by the Cantilever Test Method (revision of ANSI/AISI S907-2013)
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S908-2017, Test Standard for Determining the Flexural Strength Reduction Factor of Purlins Supporting a Standing Seam Roof System (revision of ANSI/AISI S908-2013)
PINS Date: Jul 18, 2014
Public Review Start: Jan 26, 2018
Approval Date: Mar 29, 2018

ANSI/AISI S909-2017, Test Standard for Determining the Web Crippling Strength of Cold-Formed Steel Flexural Members (revision of ANSI/AISI S909-2013)
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S910-2017, Test Standard for Determining the Distortional Buckling Strength of Cold-Formed Steel Hat-Shaped Compression Members (revision of ANSI/AISI S910-2013)
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018

ANSI/AISI S911-2017, Test Standard for Determining the Flexural Strength of Cold-Formed Steel Hat-Shaped Members (revision of ANSI/AISI S911-2014)
PINS Date: Jul 18, 2014
Public Review Start: Nov 17, 2017
Approval Date: Mar 29, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/AISI S913-2017</td>
<td>Test Standard for Determining the Strength and Deformation Behavior of Hold-Downs Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S913-2013)</td>
<td>approved</td>
<td>Jul 18, 2014</td>
<td>Nov 17, 2017</td>
<td>Mar 29, 2018</td>
</tr>
<tr>
<td>ANSI/AISI S914-2017</td>
<td>Test Standard for Determining the Strength and Deformation Behavior of Joist Connectors Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S914-2015)</td>
<td>approved</td>
<td>Nov 17, 2017</td>
<td>Jan 5, 2018</td>
<td>Mar 29, 2018</td>
</tr>
<tr>
<td>ANSI/AISI S919-2017</td>
<td>Test Standard for Determining the Flexural Strength and Stiffness of Cold-Formed Steel Nonstructural Members (new standard)</td>
<td>approved</td>
<td>Apr 8, 2016</td>
<td>Nov 17, 2017</td>
<td>Mar 29, 2018</td>
</tr>
<tr>
<td>ANSI/AISI S921-2019</td>
<td>Test Standard for Determining the Strength and Serviceability of Cold-Formed Steel Truss Assemblies and Components (new standard)</td>
<td>approved</td>
<td>Apr 8, 2016</td>
<td>Sep 27, 2019</td>
<td>Dec 3, 2019</td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date: Jul 18, 2014
Public Review Start: Sep 27, 2019
Approval Date: Mar 13, 2020

ANSI A14.7-2012, Mobile Ladder Stands & Mobile Ladder Stand Platforms (revision of ANSI A14.7-2006)
PINS Date: Dec 3, 2010
Approval Date: Jan 18, 2012

ANSI A14.8-2013, Safety Requirements for Ladder Accessories (new standard)
PINS Date: May 7, 1999
Public Review Start: Feb 22, 2013
Approval Date: May 10, 2013

ANSI A14.9-2019, Requirements for Disappearing Attic Stairs (revision of ANSI A14.9-2010)
PINS Date: May 12, 2017
Public Review Start: Dec 21, 2018
Approval Date: Feb 15, 2019

AMCA (Air Movement and Control Association)

PINS Date: Jan 31, 2014
Public Review Start: Jan 20, 2017
Approval Date: Apr 17, 2017

ANSI/AMCA 208-2018, Calculation of Fan Energy Index (new standard)
PINS Date: Feb 20, 2015
Public Review Start: Sep 22, 2017
Approval Date: Jan 24, 2018

PINS Date: Public Review Start: Oct 30, 2015
Approval Date: Aug 26, 2016

ALI (ASC A14) (American Ladder Institute)
www.americanladderinstitute.org

ANSI A14.1-2018, Portable Wood Ladders (new standard)
PINS Date: May 12, 2017
Public Review Start: Nov 3, 2017
Approval Date: Aug 23, 2018

ANSI A14.11-2018, Stepstools (new standard)
PINS Date: May 7, 1999
Public Review Start: Mar 30, 2018
Approval Date: Jun 15, 2018

ANSI A14.2-2017, Standard For Ladders - Portable Metal - Safety Requirements (new standard)
PINS Date: Jan 28, 2011
Public Review Start: Sep 1, 2017
Approval Date: Dec 12, 2017

ANSI A14.3-2008 (R2018), Standard for Ladders - Fixed - Safety Requirements (reaffirmation of ANSI A14.3-2008)
PINS Date: Aug 9, 2013
Public Review Start: Aug 17, 2018
Approval Date: Oct 5, 2018

ANSI A14.4-2018, Job Made Ladders (revision of ANSI A14.4-2009)
PINS Date: Dec 15, 2017
Public Review Start: Jan 12, 2018
Approval Date: Oct 18, 2018

ANSI A14.5-2017, Reinforced Plastic Ladders (new standard)
PINS Date: Dec 3, 2010
Public Review Start: Sep 1, 2017
Approval Date: Dec 12, 2017
ANSI/AMCA 220-2005 (R2012), Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating (reaffirmation of )
PINS Date: Jan 28, 2011
Public Review Start: Apr 8, 2011
Approval Date: Mar 29, 2012

PINS Date: Dec 20, 2013
Approval Date: May 8, 2015

PINS Date: Aug 8, 2014
Public Review Start: Mar 13, 2015
Approval Date: May 8, 2015

PINS Date: Jan 28, 2011
Public Review Start: May 27, 2011
Approval Date: Feb 22, 2012

PINS Date: Feb 10, 2012
Public Review Start: Mar 22, 2013
Approval Date: Sep 17, 2013

ANSI/AMCA 500-D-2018, BSR/AMCA 500-D XX Laboratory Methods of Testing Dampers for Rating (revision of ANSI/AMCA 500-D-2012)
PINS Date: Nov 11, 2016
Public Review Start: Apr 6, 2018
Approval Date: Dec 6, 2018

PINS Date: Feb 10, 2012
Public Review Start: Feb 1, 2013
Approval Date: Jun 14, 2013

PINS Date: Dec 22, 2017
Public Review Start: Apr 20, 2018
Approval Date: Sep 20, 2018

PINS Date: Jan 24, 2014
Approval Date: Nov 10, 2016

ANSI/AMCA Standard 204-2020, Balance Quality and Vibration Level for Fans (revision and redesignation of ANSI/AMCA 204-2005 (R2012))
PINS Date: Dec 29, 2017
Public Review Start: Jul 5, 2019
Approval Date: Mar 19, 2020

PINS Date: Jan 5, 2018
Public Review Start: Feb 15, 2019
Approval Date: May 3, 2019

PINS Date: Sep 14, 2018
Public Review Start: Aug 23, 2019
Approval Date: Jan 14, 2020

PINS Date: Feb 10, 2012
Public Review Start: Jun 13, 2014
Approval Date: Aug 14, 2014

ANSI/AMCA Standard 301-2014, Methods for Calculating Fan Sound Ratings from Laboratory Test Data (revision of ANSI/AMCA 301-2006)
PINS Date: May 27, 2011
Public Review Start: Jun 13, 2014
Approval Date: Aug 14, 2014
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ANS 10.8-2015</td>
<td>Non-Real-Time, High-Integrity Software for the Nuclear Industry (new standard)</td>
<td>Jan 26, 2018</td>
<td>Jan 26, 2018</td>
<td>Apr 10, 2018</td>
</tr>
</tbody>
</table>
PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Jan 23, 2020

ANSI/ANS 15.2-1999 (R2016), Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (reaffirmation of ANSI/ANS 15.2-1999 (R2009))
PINS Date: Public Review Start: Jun 3, 2016 Approval Date: Aug 18, 2016

ANSI/ANS 15.21-2012 (R2018), Format and Content for Safety Analysis Reports for Research Reactors (reaffirmation of ANSI/ANS 15.21-2012)
PINS Date: Public Review Start: Dec 15, 2017 Approval Date: Feb 27, 2018

ANSI/ANS 15.4-2016, Selection and Training of Personnel for Research Reactors (revision of ANSI/ANS 15.4-2007)
PINS Date: Mar 8, 2013 Public Review Start: Jan 29, 2016 Approval Date: Apr 19, 2016

PINS Date: May 31, 2013 Public Review Start: May 4, 2018 Approval Date: Jul 18, 2018

PINS Date: Jul 13, 2018 Public Review Start: Sep 14, 2018 Approval Date: Feb 22, 2019

ANSI/ANS 18.1-2016, Radioactive Source Term for Normal Operation of Light Water Reactors (new standard)
PINS Date: Apr 7, 2006 Public Review Start: Aug 26, 2016 Approval Date: Nov 1, 2016

PINS Date: Jul 8, 2011 Public Review Start: Nov 16, 2018 Approval Date: Mar 8, 2019

PINS Date: Public Review Start: Jul 15, 2016 Approval Date: Oct 11, 2016

PINS Date: Jul 8, 2011 Public Review Start: Nov 18, 2016 Approval Date: Apr 11, 2017

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Jan 24, 2017

ANSI/ANS 19.3.4-2002 (R2017), The Determination of Thermal Energy Deposition Rates in Nuclear Reactors (reaffirmation of ANSI/ANS 19.3.4-2002 (R2008))
PINS Date: Public Review Start: Mar 10, 2017 Approval Date: May 18, 2017

PINS Date: Jul 29, 2016 Public Review Start: May 5, 2017 Approval Date: Aug 24, 2017

- **PINS Date:** Oct 28, 2016
- **Public Review Start:** Sep 27, 2019
- **Approval Date:** Dec 19, 2019

ANSI/ANS 2.10-2017, **Criteria for Retrieval, Processing, Handling, and Storage of Records from Nuclear Facility Seismic Instrumentation** (new standard)

- **PINS Date:** Aug 11, 2017
- **Public Review Start:** Oct 13, 2017
- **Approval Date:** Dec 19, 2017


- **PINS Date:**
- **Public Review Start:** Oct 20, 2017
- **Approval Date:** Dec 21, 2017

ANSI/ANS 2.17-2010 (R2016), **Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants** (reaffirmation of ANSI/ANS 2.17-2010)

- **PINS Date:**
- **Public Review Start:** Dec 25, 2015
- **Approval Date:** Mar 10, 2016

ANSI/ANS 2.2-2016, **Earthquake Instrumentation Criteria for Nuclear Power Plants** (new standard)

- **PINS Date:** Sep 4, 2009
- **Public Review Start:** Apr 22, 2016
- **Approval Date:** Jul 14, 2016

ANSI/ANS 2.21-2012 (R2016), **Criteria for Assessing Atmospheric Effects on the Ultimate Heat Sink** (reaffirmation of ANSI/ANS 2.21-2012)

- **PINS Date:**
- **Public Review Start:** Feb 5, 2016
- **Approval Date:** Apr 18, 2016

ANSI/ANS 2.23-2016, **Nuclear Power Plant Response to an Earthquake** (revision of ANSI/ANS 2.23-2002 (R2009))

- **PINS Date:** Nov 7, 2014
- **Public Review Start:** Nov 13, 2015
- **Approval Date:** Apr 7, 2016


- **PINS Date:**
- **Public Review Start:** Jun 30, 2017
- **Approval Date:** Sep 12, 2017

ANSI/ANS 2.27-2020, **Criteria for Investigations of Nuclear Facility Sites for Seismic Hazard Assessments** (revision of ANSI/ANS 2.27-2008 (R2016))

- **PINS Date:** Oct 13, 2017
- **Public Review Start:** Nov 15, 2019
- **Approval Date:** Apr 16, 2020

ANSI/ANS 2.29-2020, **Probabilistic Seismic Hazard Analysis** (revision of ANSI/ANS 2.29-2008 (R2016))

- **PINS Date:** Aug 4, 2017
- **Public Review Start:** Nov 15, 2019
- **Approval Date:** Apr 16, 2020

ANSI/ANS 2.3-2011 (R2016), **Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites** (reaffirmation of ANSI/ANS 2.3-2011)

- **PINS Date:**
- **Public Review Start:** Apr 15, 2016
- **Approval Date:** Jun 29, 2016


- **PINS Date:**
- **Public Review Start:** Feb 28, 2020
- **Approval Date:** May 4, 2020

ANSI/ANS 2.6-2018, **Guidelines for Estimating Present and Forecasting Future Population Distributions Surrounding Nuclear Facility Sites** (new standard)

- **PINS Date:** Jul 8, 2016
- **Public Review Start:** Oct 27, 2017
- **Approval Date:** Mar 16, 2018

ANSI/ANS 2.8-2019, **Probabilistic Evaluation of External Flood Hazards for Nuclear Facilities** (new standard)

- **PINS Date:** Jan 27, 2012
- **Public Review Start:** Oct 18, 2019
- **Approval Date:** Dec 17, 2019
PINS Date: Public Review Start: Nov 29, 2019 Approval Date: Feb 4, 2020

PINS Date: Public Review Start: Mar 20, 2020 Approval Date: May 21, 2020

ANSI/ANS 3.2-2012 (R2017), Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (reaffirmation of ANSI/ANS 3.2-2012)
PINS Date: Public Review Start: Jan 27, 2017 Approval Date: Apr 4, 2017

ANSI/ANS 3.4-2013 (R2018), Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants (reaffirmation of ANSI/ANS 3.4-2013)
PINS Date: Public Review Start: Apr 27, 2018 Approval Date: Jul 2, 2018

ANSI/ANS 3.5-2018, Nuclear Power Plant Simulators for Use in Operator Training and Examination (new standard)
PINS Date: Public Review Start: Jun 2, 2017 Approval Date: Oct 10, 2019

PINS Date: Public Review Start: Apr 22, 2016 Approval Date: Jun 30, 2016

ANSI/ANS 41.5-2012 (R2018), Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation (reaffirmation of ANSI/ANS 41.5-2012)
PINS Date: Public Review Start: Aug 17, 2018 Approval Date: Oct 19, 2018

PINS Date: Public Review Start: Nov 23, 2018 Approval Date: Feb 5, 2019

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Oct 3, 2019

ANSI/ANS 5.4-2011 (R2020), Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel (reaffirmation of ANSI/ANS 5.4-2011)
PINS Date: Public Review Start: Feb 7, 2020 Approval Date: Apr 9, 2020

PINS Date: May 15, 2009 Public Review Start: Jun 8, 2018 Approval Date: Aug 13, 2018

PINS Date: Public Review Start: Apr 29, 2016 Approval Date: Oct 31, 2016

PINS Date: Jul 16, 2010 Public Review Start: Jun 7, 2019 Approval Date: Mar 23, 2020
  - PINS Date: Aug 26, 2011
  - Public Review Start: Mar 18, 2016
  - Approval Date: May 26, 2016
  - PINS Date: Aug 26, 2011
  - Public Review Start: Mar 18, 2016
  - Approval Date: May 26, 2016
  - PINS Date: Dec 6, 2019
  - Public Review Start: Oct 4, 2019
  - Approval Date: Dec 6, 2019
  - PINS Date: Jul 7, 2016
  - Public Review Start: May 13, 2016
  - Approval Date: Jul 7, 2016
- **ANSI/ANS 57.3-2018**: Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants (new standard)
  - PINS Date: Feb 22, 2013
  - Public Review Start: Nov 3, 2017
  - Approval Date: Feb 27, 2018
  - PINS Date: Feb 23, 2017
  - Public Review Start: Dec 16, 2016
  - Approval Date: Feb 23, 2017
  - PINS Date: Jan 12, 2017
  - Approval Date: Jan 12, 2017
  - PINS Date: Apr 9, 2020
  - Public Review Start: Feb 7, 2020
  - Approval Date: Apr 9, 2020
  - PINS Date: Aug 26, 2011
  - Public Review Start: Dec 28, 2018
  - Approval Date: Aug 8, 2019
  - PINS Date: Feb 12, 2015
  - Public Review Start: Dec 6, 2019
  - Approval Date: Feb 12, 2015
  - PINS Date: Jun 19, 2015
  - Public Review Start: Mar 6, 2015
  - Approval Date: Jun 19, 2015
  - PINS Date: Jun 19, 2015
  - Public Review Start: Mar 6, 2015
  - Approval Date: Jun 19, 2015
  - PINS Date: Oct 19, 2018
  - Public Review Start: Aug 10, 2018
  - Approval Date: Oct 19, 2018
- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: Aug 4, 2016

ANSI/ANS 6.4-2006 (R2016), Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants (reaffirmation of ANSI/ANS 6.4-2006)
- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: Aug 4, 2016

ANSI/ANS 6.4.2-2006 (R2016), Specification for Radiation Shielding Materials (reaffirmation of ANSI/ANS 6.4.2-2006)
- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: Aug 4, 2016

- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: Aug 4, 2016

- PINS Date: Dec 22, 2017
- Public Review Start: Sep 14, 2018
- Approval Date: Nov 29, 2018

- PINS Date: Dec 22, 2017
- Public Review Start: Sep 14, 2018
- Approval Date: Nov 29, 2018

- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: May 6, 2016

- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: May 6, 2016

- PINS Date: Dec 22, 2017
- Public Review Start: Sep 14, 2018
- Approval Date: Nov 29, 2018

- PINS Date: Dec 22, 2017
- Public Review Start: Sep 14, 2018
- Approval Date: Nov 29, 2018

- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: May 6, 2016

ANSI/ANS 8.15-2014 (R2019), Nuclear Criticality Control of Selected Actinide Nuclides (reaffirmation of ANSI/ANS 8.15-2014)
- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: Aug 4, 2016

- PINS Date: Jul 5, 2019
- Public Review Start: Jul 5, 2019
- Approval Date: Sep 12, 2019

- PINS Date: Jul 5, 2019
- Public Review Start: Jul 5, 2019
- Approval Date: Aug 22, 2019

- PINS Date: Oct 16, 2015
- Public Review Start: Mar 6, 2020
- Approval Date: May 8, 2020

- PINS Date: Jun 17, 2011
- Public Review Start: Jan 4, 2019
- Approval Date: Apr 9, 2019

- PINS Date: Aug 17, 2012
- Public Review Start: May 27, 2016
- Approval Date: May 6, 2016
- PINS Date: Jul 22, 2016
- Public Review Start: Jun 21, 2019
- Approval Date: Sep 16, 2019

- PINS Date: Apr 4, 2014
- Public Review Start: Sep 22, 2017
- Approval Date: Dec 12, 2017

- PINS Date: Oct 7, 2016
- Approval Date: Dec 15, 2016

- PINS Date: Sep 6, 2013
- Public Review Start: Jun 12, 2015
- Approval Date: Nov 10, 2015

ANSI/ANS 8.3-1997 (R2017), Criticality Accident Alarm System (reaffirmation of ANSI/ANS 8.3-1997 (R2012))
- PINS Date: Aug 17, 2012
- Public Review Start: Aug 18, 2017
- Approval Date: Oct 25, 2017

ANSI/ANS 8.5-1996 (R2017), Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material (reaffirmation of ANSI/ANS 8.5-1996 (R2012))
- PINS Date: Aug 18, 2017
- Approval Date: Nov 14, 2017

ANSI/ANS 8.6-1983 (R2017), Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ (reaffirmation of ANSI/ANS 8.6-1983 (R2010))
- PINS Date: Jun 23, 2017
- Approval Date: Aug 24, 2017

- PINS Date: Nov 4, 2016
- Public Review Start: Oct 13, 2017
- Approval Date: Dec 14, 2017

APA (APA - The Engineered Wood Association)
www.apawood.org

- PINS Date: Jul 19, 2019
- Public Review Start: Mar 20, 2020
- Approval Date: May 5, 2020

ANSI 405-2018, Standard for Adhesives for Use in Structural Glued Laminated Timber (revision of ANSI 405-2013)
- PINS Date: Jun 23, 2017
- Public Review Start: Oct 13, 2017
- Approval Date: Dec 12, 2017

- PINS Date: May 27, 2016
- Public Review Start: Sep 16, 2016
- Approval Date: Jan 24, 2017

- PINS Date: Aug 3, 2018
- Public Review Start: Nov 23, 2018
- Approval Date: Jan 18, 2019

- PINS Date: May 1, 2015
- Approval Date: Jan 24, 2017
Approved American National Standards

PINS Date: Aug 18, 2017
Public Review Start: Nov 24, 2017
Approval Date: Apr 16, 2018

PINS Date: Feb 23, 2018
Public Review Start: Oct 25, 2019
Approval Date: Jan 6, 2020

APCO (Association of Public-Safety Communications Officials-International)
www.apcointl.org

ANSI/APCO 3.103.2-2015, Minimum Training Standards for Public Safety Telecommunicators (revision and redesignation of ANSI/APCO 3.103.1-2010)
PINS Date: Mar 15, 2013
Public Review Start: Apr 10, 2015
Approval Date: Jul 14, 2015

PINS Date: Sep 27, 2013
Public Review Start: Oct 17, 2014
Approval Date: Jan 8, 2015

PINS Date: Feb 17, 2012
Public Review Start: Apr 19, 2013
Approval Date: Sep 27, 2013

PINS Date: May 7, 2010
Public Review Start: May 23, 2014
Approval Date: Apr 2, 2015

ANSI/APCO 1.108.1-2018, Minimum Operational Standards for the Use of TTY/TDD or Similar Device in the Public Safety Communications Center (new standard)
PINS Date: Oct 1, 2010
Public Review Start: Jun 29, 2018
Approval Date: Aug 16, 2018

ANSI/APCO 1.110.1-2015, Multi-Functional Multi-Discipline Computer Aided Dispatch (CAD) Minimal Functional Requirements (new standard)
PINS Date: Feb 3, 2012
Public Review Start: Oct 17, 2014
Approval Date: Jan 7, 2015

ANSI/APCO 1.111.2-2013 (R2018), Public Safety Communications Common Disposition Codes for Data Exchange (reaffirmation and redesignation of ANSI/APCO 1.111.1-2013)
PINS Date: Nov 24, 2017
Public Review Start: Jan 5, 2018
Approval Date: Mar 20, 2018

ANSI/APCO 1.112.1-2014, Best Practices for the Use of Social Media by Public Safety Communications (new standard)
PINS Date: Dec 14, 2012
Public Review Start: Jul 11, 2014
Approval Date: Sep 19, 2014

ANSI/APCO 1.113.1-2019, Public Safety Communications Incident Handling Process (new standard)
PINS Date: Mar 8, 2013
Public Review Start: Jul 20, 2018
Approval Date: Jan 9, 2019

ANSI/APCO 1.114.1-2017, APCO Recommended Best Practices for PSAP's when Processing Vehicle Telematics Calls from Telematics Service Providers (new standard)
PINS Date: Mar 8, 2013
Approval Date: Sep 29, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/APCO 3.109.2-2014, Core Competencies and Minimum Training Standards for Public Safety Communications Manager/Director (revision and redesignation of ANSI/APCO 1.106.1-2009)
PINS Date:  Feb 21, 2014
Approval Date:  Jun 9, 2014

PINS Date:  Oct 18, 2019
Approval Date:  Dec 17, 2019

PINS Date:  Apr 18, 2014
Approval Date:  Aug 5, 2014

ANSI/APCO/NENA 1.102.3-2020, Public Safety Answering Point (PSAP) Service Capability Criteria Rating Scale (revision and redesignation of ANSI/APCO/NENA 1.102.2-2010)
PINS Date:  Jan 30, 2020

PINS Date:  Jul 9, 2010
Approval Date:  Aug 31, 2010

PINS Date:  Nov 16, 2012
Approval Date:  Apr 2, 2013

PINS Date:  Jul 9, 2010
Approval Date:  Aug 31, 2010

PINS Date:  Jul 9, 2010
Approval Date:  Aug 31, 2010
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/API Bulletin 100-3-2014, Community Engagement Guidelines (new standard)
PINS Date: Oct 12, 2012
Approval Date: Jun 6, 2014

PINS Date: Jul 20, 2007
Public Review Start: Jun 22, 2012
Approval Date: Oct 25, 2012

ANSI/API MPMS Ch. 14.3.3-2012, Orific Metering of Natural Gas and Other Related Hydrocarbon Fluids, Natural Gas Applications (revision and redesignation of ANSI/API MPMS 14.3.3-2003 (R2009))
PINS Date: Jul 20, 2007
Public Review Start: Jun 22, 2012
Approval Date: Oct 25, 2012

PINS Date:
Public Review Start: Feb 8, 2019
Approval Date: May 20, 2020
ISO Adoption

ANSI/API MPMS Ch. 21.1-2011, Electronic Gas Measurement (new standard)
PINS Date: Jul 20, 2007
Public Review Start: Feb 12, 2010
Approval Date: Jun 28, 2011

PINS Date: Jul 20, 2007
Public Review Start: Dec 18, 2015
Approval Date: Feb 11, 2016

PINS Date: Jun 29, 2007
Public Review Start: Mar 13, 2015
Approval Date: Jun 19, 2015
ISO Adoption

PINS Date:
Public Review Start: Mar 13, 2015
Approval Date: Jun 19, 2015
ISO Adoption

PINS Date:
Public Review Start: Mar 13, 2015
Approval Date: Jun 19, 2015
ISO Adoption

PINS Date: Feb 14, 2014
Public Review Start: Jul 11, 2014
Approval Date: Jul 6, 2015

PINS Date: Jul 20, 2007
Public Review Start: Mar 6, 2015
Approval Date: Jul 8, 2015

ANSI/API MPMS Chapter 5.6, 1st Edition-2007 (R2015), Measurement of Liquid Hydrocarbons by Coriolis Meters (reaffirmation of ANSI/API MPMS Ch. 5.6-2002 (R2007))
PINS Date:
Public Review Start: Mar 13, 2015
Approval Date: Jun 19, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020


PINS Date: Public Review Start: Aug 16, 2019 Approval Date: Jan 21, 2020

ISO Adoption


PINS Date: Jun 15, 2018 Public Review Start: Nov 29, 2019 Approval Date: Feb 13, 2020

ISO Adoption


PINS Date: Apr 10, 2015 Public Review Start: Oct 14, 2016 Approval Date: Jan 25, 2017


ISO Adoption

ANSI/API Recommended Practice 2GEO-2014, Geotechnical and Foundation Design Considerations (national adoption with modifications of ISO 19901-4)


ISO Adoption

ANSI/API Recommended Practice 2MOP-2010 (R2015), Marine Operations (reaffirmation of ANSI/API Recommended Practice 2MOP-2010)

PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Aug 18, 2015

ISO Adoption


ISO Adoption


ANSI/API RP 100-1-2019, Hydraulic Fracturing: Well Integrity and Fracture Containment (new standard)

PINS Date: Aug 24, 2012 Public Review Start: Oct 6, 2017 Approval Date: Mar 20, 2019

ANSI/API RP 100-2-2015, Environmental Aspects Associated with E&P Operations including Hydraulic Fracturing (new standard)

PINS Date: Aug 24, 2012 Public Review Start: Apr 17, 2015 Approval Date: Jul 28, 2015


PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Aug 18, 2015

ISO Adoption

ANSI/API RP 10B-6/ISO 10426-6-2008, Addendum 1 -2020, Recommended Practice on Determining the Static Gel Strength of Cement Formulations (supplement to ANSI/API RP 10B-6/ISO 10426-6-2010 (R2015))

PINS Date: Oct 4, 2019 Public Review Start: Nov 22, 2019 Approval Date: Jan 10, 2020

ISO Adoption
ANSI/API RP 10B-6/ISO 10426-6-2010 (R2019),
*Recommended Practice on Determining the Static Gel Strength of Cement Formulations* (reaffirm a national adoption ANSI/API RP 10B-6/ISO 10426-6-2010 (R2015))
PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Dec 3, 2019
ISO Adoption

PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Jan 10, 2020
ISO Adoption

PINS Date: Feb 15, 2013
Public Review Start: Apr 10, 2015
Approval Date: May 19, 2015

PINS Date: Apr 4, 2008
Public Review Start: Jun 27, 2008
Approval Date: Aug 25, 2008
ISO Adoption

PINS Date: Apr 1, 2016
Public Review Start: Apr 12, 2019
Approval Date: Feb 11, 2020
ISO Adoption

PINS Date:
Public Review Start: Jul 14, 2006
Approval Date: Nov 21, 2006
ISO Adoption

PINS Date:
Public Review Start: Sep 7, 2007
Approval Date: Nov 8, 2007
ISO Adoption

ANSI/API RP 2EQ-2018, *Seismic design procedures and criteria for Offshore Structures* (supplement to ANSI/API Recommended Practice 2EQ-2014)
PINS Date: Feb 23, 2018
Public Review Start: Oct 12, 2018
Approval Date: Dec 3, 2018
ISO Adoption

PINS Date: Oct 2, 2009
Public Review Start: Aug 15, 2014
Approval Date: Oct 16, 2014
ISO Adoption

PINS Date: Feb 2, 2018
Public Review Start: Sep 7, 2018
Approval Date: May 1, 2019
ISO Adoption

ANSI/API RP 3000-2014, *Classifying and Loading of Crude Oil into Rail Tank Cars* (new standard)
PINS Date: Apr 18, 2014
Public Review Start: Jul 11, 2014
Approval Date: Sep 19, 2014

PINS Date:
Public Review Start: Mar 27, 2015
Approval Date: Aug 18, 2015
ISO Adoption
PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Aug 18, 2015
ISO Adoption

PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Aug 18, 2015
ISO Adoption

PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Aug 18, 2015
ISO Adoption

PINS Date: Public Review Start: Aug 22, 2014 Approval Date: Dec 17, 2014
ISO Adoption

PINS Date: Public Review Start: Feb 29, 2008 Approval Date: May 8, 2008
ISO Adoption

PINS Date: Public Review Start: Apr 24, 2015 Approval Date: Aug 6, 2015
ISO Adoption

PINS Date: May 1, 2009 Public Review Start: Aug 21, 2009 Approval Date: Mar 1, 2011
ISO Adoption

PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Aug 18, 2015
ISO Adoption

PINS Date: Public Review Start: Oct 12, 2018 Approval Date: Nov 29, 2018
ISO Adoption

PINS Date: Public Review Start: Apr 17, 2015 Approval Date: Mar 21, 2016
ISO Adoption

ANSI/API Specification 19G1-2010, Side-Pocket Mandrels (identical national adoption of ISO 17078-1)
PINS Date: Public Review Start: Jan 8, 2010 Approval Date: Mar 15, 2010
ISO Adoption

ANSI/API Specification 19G2-2010, Flow-control Devices for Side-pocket Mandrels (national adoption with modifications of ISO 17078-2)
PINS Date: Public Review Start: Mar 26, 2010 Approval Date: Jun 22, 2010
ISO Adoption
<table>
<thead>
<tr>
<th>ANSI/API Specification</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
<th>ISO Adoption</th>
</tr>
</thead>
</table>
PINS Date: Dec 16, 2016
Public Review Start: Nov 9, 2018
Approval Date: Mar 27, 2019

PINS Date:
Approval Date: Nov 28, 2007
ISO Adoption

PINS Date:
Approval Date: Nov 28, 2007
ISO Adoption

PINS Date:
Approval Date: Nov 30, 2007
ISO Adoption

PINS Date:
Approval Date: Nov 30, 2007
ISO Adoption

APPAnet (APPA - Leadership in Educational Facilities)
www.appa.org

ANSI/API/APPAnet 1000-1-2017, Total Cost of Ownership (TCO) for Facilities Asset Management - Part 1: Key Principles (new standard)
PINS Date: Oct 9, 2015
Public Review Start: Jul 21, 2017
Approval Date: Dec 14, 2017

ANSI/API/APPAnet TCO 1000-2-2020, APPAnet 1000-2 Total Cost of Ownership for Facilities Asset Management (TCO) – Part 2: Implementation and Data Elements (new standard)
PINS Date: Sep 22, 2017
Public Review Start: Aug 2, 2019
Approval Date: Jan 3, 2020

APTech (ASC B65) (Association for Print Technologies)
www.printtechnologies.org

ANSI B65-1-2011, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 1: General requirements (national adoption with modifications of ISO 12643-1)
PINS Date: Mar 25, 2011
Public Review Start: Jun 10, 2011
Approval Date: Sep 12, 2011
ISO Adoption

ANSI B65-2-2011, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 2: Prepress and press equipment and systems (national adoption of ISO 12643-2 with modifications and revision of ANSI B65.2-2005)
PINS Date: Mar 25, 2011
Public Review Start: Jun 10, 2011
Approval Date: Aug 23, 2011
ISO Adoption

ANSI B65-3-2011, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 3: Binding and finishing equipment and systems (national adoption of ISO 12643-3 with modifications and revision of ANSI B65.2-2005)
PINS Date: Mar 25, 2011
Public Review Start: May 13, 2011
Approval Date: Jul 29, 2011
ISO Adoption
ANSI B65-5-2011, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 5: Stand-alone platen presses (national adoption of ISO 12643-5 with modifications and revision of ANSI B65.5-2006)
PINS Date: Mar 25, 2011
Public Review Start: Jun 10, 2011
Approval Date: Aug 24, 2011
ISO Adoption

PINS Date: Jun 1, 2018
Public Review Start: Aug 10, 2018
Approval Date: Nov 7, 2018

ANSI B65/NAPIM 177.2-2017, Safety standard - Printing ink vertical post mixers (revision of ANSI/NAPIM 177.2-2006 (R2011))
PINS Date: Jan 20, 2017
Public Review Start: Jul 21, 2017
Approval Date: Sep 15, 2017

APTech (ASC CGATS) (Association for Print Technologies)
www.printtechnologies.org

ANSI CGATS 12642-1 (IT8.7/3)-2015, Graphic technology - Input data for characterization of four-colour process printing - Part 1: Initial data set (identical national adoption of ISO 12642-1)
Public Review Start: Feb 6, 2015
Approval Date: Mar 30, 2015
ISO Adoption

ANSI CGATS 12642-2 (IT8.7/4)-2015, Graphic technology -- Input data for characterization of 4-colour process printing -- Part 2: Expanded data set (identical national adoption of ISO 12642-2)
PINS Date: Jun 5, 2015
Public Review Start: Jul 24, 2015
Approval Date: Aug 31, 2015
ISO Adoption

ANSI CGATS.17-2009 (R2015), Graphic technology - Exchange format for color and process control data using XML or ASCII text (reaffirmation of ANSI CGATS.17-2009)
PINS Date: Public Review Start: Jan 16, 2015
Approval Date: Mar 18, 2015
ISO Adoption

ANSI CGATS.5-2018, Graphic technology - Spectral measurement and colorimetric computation for graphic arts images (identical national adoption of ISO 13655 and revision of ANSI CGATS.5-2009)
PINS Date: Jan 19, 2018
Public Review Start: Apr 13, 2018
Approval Date: Jun 22, 2018
ISO Adoption

ANSI CGATS.7-2003 (R2013), Graphic technology - Pallet loading for printed materials (reaffirmation of ANSI CGATS.7-2003 (R2008))
PINS Date: Public Review Start: May 24, 2013
Approval Date: Aug 6, 2013

ANSI CGATS.9-2019, Graphic technology - Graphic arts transmission densitometry measurements Terminalequations, image elements and procedures (revision of ANSI CGATS.9-2007 (R2012))
PINS Date: Sep 21, 2018
Public Review Start: Dec 21, 2018
Approval Date: Oct 24, 2019

PINS Date: Public Review Start: Jan 16, 2015
Approval Date: Mar 18, 2015
ISO Adoption

PINS Date: Public Review Start: Nov 9, 2012
Approval Date: Jan 29, 2013
ISO Adoption
ANSI CGATS/ISO 12641-1-2018, Graphic technology - Prepress digital data exchange - Colour targets for input scanner calibration - Part 1: Colour targets for input scanner calibration (identical national adoption of ISO 12641-1)
PINS Date: Aug 11, 2017
Public Review Start: Oct 6, 2017
Approval Date: Feb 27, 2018
ISO Adoption

PINS Date:
Public Review Start: Sep 1, 2017
Approval Date: Nov 1, 2017
ISO Adoption

PINS Date:
Public Review Start: Nov 9, 2012
Approval Date: Jan 29, 2013
ISO Adoption

ANSI IT8.6-2017, Graphic technology - Prepress digital data exchange - Diecutting data (DDES3) (revision of ANSI IT8.6-2002 (R2013))
PINS Date: Nov 11, 2016
Public Review Start: Feb 10, 2017
Approval Date: Sep 15, 2017

ANSI IT8.7/5-2019, Graphic technology Input data for characterization of 4-color process printing Extended data set (new standard)
PINS Date: Oct 6, 2017
Public Review Start: Jun 29, 2018
Approval Date: Apr 12, 2019

ANSI/CGATS 21-1-2013, Graphic technology - Printing from digital data across multiple technologies - Part 1: Principles (new standard)
PINS Date: Sep 21, 2012
Public Review Start: Nov 9, 2012
Approval Date: Mar 7, 2013

ANSI/CGATS 21-2-2013, Graphic technology - Printing from digital data across multiple technologies - Part 2: Reference characterization data-2012 (new standard)
PINS Date: Sep 21, 2012
Public Review Start: Nov 9, 2012
Approval Date: Mar 7, 2013

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Mar 14, 2019
ISO Adoption

ANSI/CGATS.4-2011 (R2016), Graphic technology - Graphic arts reflection densitometry measurements - Terminology, equations, image elements and procedures (reaffirmation of ANSI CGATS.4-2011)
PINS Date:
Approval Date: Oct 11, 2016
ISO Adoption

ANSI/CGATS/ISO 12639 Amd1-2006, Graphic technology - Prepress digital data exchange - Tag image file format for image technology (TIFF/IT) - Amendment 1 (identical national adoption of ISO 12639:2004 AMD1)
PINS Date:
Public Review Start: Feb 24, 2006
Approval Date: Jun 14, 2006
ISO Adoption

PINS Date:
Approval Date: Oct 11, 2016
ISO Adoption

PINS Date:
Public Review Start: Feb 9, 2018
Approval Date: Apr 17, 2018
ISO Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Jan 15, 2016
Public Review Start: Mar 18, 2016
Approval Date: Jan 23, 2017
ISO Adoption

PINS Date: Sep 10, 2010
Public Review Start: Nov 5, 2010
Approval Date: Jan 13, 2011
ISO Adoption

ANSI/CGATS/ISO 15790-2005 (R2013), Graphic technology and photography - Certified reference materials for reflection and transmission metrology - Documentation and procedures for use, including determination of combined standard uncertainty (reaffirmation of ANSI/CGATS/ISO 15790-2005 (R2007))
PINS Date: Nov 9, 2012
Approval Date: Jan 29, 2013
ISO Adoption

ANSI/CGATS/ISO 15930-4-2004 (R2018), Graphic technology Prepress digital data exchange using PDF Part 4: Complete exchange of CMYK and spot colour printing data using PDF 1.4 (PDF/X-1a) (reaffirmation of ANSI/CGATS/ISO 15930-4-2004 (R2009))
PINS Date: Feb 9, 2018
Approval Date: Apr 5, 2018
ISO Adoption

ANSI/CGATS/ISO 15930-6-2004 (R2018), Graphic technology Prepress digital data exchange using PDF Part 6: Complete exchange printing data suitable for colour-manage workflows using PDF 1.4 (PDF/X-3) (reaffirmation of ANSI CGATS/ISO 15930-6-2004 (R2009))
PINS Date: Feb 9, 2018
Approval Date: Apr 5, 2018
ISO Adoption

ANSI/CGATS/ISO 15930-7-2010 (R2016), Graphic technology - Prepress digital data exchange using PDF Part 7: Complete exchange of printing data (PDF/X-4) and partial exchange of printing data with external profile reference (PDF/X-4p) using PDF 1.6 (reaffirmation of ANSI/CGATS/ISO 15930-7-2010)
PINS Date: Public Review Start: Aug 5, 2016
Approval Date: Oct 11, 2016
ISO Adoption

ANSI/CGATS/ISO 15930-8-2010 (R2016), Graphic technology - Prepress digital data exchange using PDF - Part 8: Partial exchange of printing data using PDF 1.6 (PDF/X-5) (reaffirmation of ANSI/CGATS/ISO 15930-8-2010)
PINS Date: Public Review Start: Aug 5, 2016
Approval Date: Oct 11, 2016
ISO Adoption

ASA (ASC S1) (Acoustical Society of America)
www.acousticalsociety.org

ANSI ASA S1.6-2020, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (reaffirmation of ANSI ASA S1.6-2016)
PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020

PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020

PINS Date: Public Review Start: Jun 14, 2019
Approval Date: Aug 9, 2019
IEC Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020


PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020

IEC Adoption


PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020

ANSI/ASA S1.13-2020, Measurement of Sound Pressure Levels in the Air (new standard)

PINS Date: Jun 26, 2015
Public Review Start: May 22, 2020
Approval Date: May 28, 2020


PINS Date: Public Review Start: Aug 10, 2018
Approval Date: Oct 5, 2018


PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020


PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020


PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020


PINS Date: Public Review Start: Mar 22, 2019
Approval Date: May 21, 2019

ANSI/ASA S1.18-2018, Method for Determining the Acoustic Impedance of Ground Surfaces (revision of ANSI/ASA S1.18-2010)

PINS Date: Apr 4, 2014
Public Review Start: Sep 7, 2018
Approval Date: Oct 31, 2018

ANSI/ASA S1.20-2012 (R2020), Procedures for Calibration of Underwater Electroacoustic Transducers (reaffirmation of ANSI/ASA S1.20-2012)

PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020


PINS Date: Public Review Start: Mar 20, 2020
Approval Date: May 28, 2020

ANSI/ASA S1.26-2014 (R2019), Methods for Calculation of the Absorption of Sound by the Atmosphere (reaffirmation of ANSI/ASA S1.26-2014)

PINS Date: Public Review Start: Aug 30, 2019
Approval Date: Nov 1, 2019

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 81
ANSI/ASA S1.4-2014/Part 1/IEC 61672-1-2013 (R2019),
PINS Date: Public Review Start: Jun 14, 2019 Approval Date: Aug 13, 2019 IEC Adoption

PINS Date: Public Review Start: Jun 14, 2019 Approval Date: Aug 13, 2019 IEC Adoption

ANSI/ASA S1.4-2014/Part 3/IEC 61672-3-2013 (R2019),
PINS Date: Public Review Start: Jun 14, 2019 Approval Date: Aug 13, 2019 IEC Adoption

PINS Date: Public Review Start: Mar 20, 2020 Approval Date: May 28, 2020

PINS Date: Jun 8, 2018 Public Review Start: Jul 12, 2019 Approval Date: Feb 21, 2020

ANSI/ASA S1.8-2016 (R2020), Reference Values for Levels Used in Acoustics and Vibrations (reaffirmation of ANSI/ASA S1.8-2016)
PINS Date: Public Review Start: Mar 20, 2020 Approval Date: May 28, 2020

ASA (ASC S12) (Acoustical Society of America)
www.acousticalsociety.org

PINS Date: Public Review Start: Apr 13, 2018 Approval Date: Jul 13, 2018 ISO Adoption

PINS Date: Public Review Start: Apr 13, 2018 Approval Date: Jul 13, 2018 ISO Adoption

PINS Date: Public Review Start: Feb 12, 2016 Approval Date: Apr 11, 2016 ISO Adoption
ANSI ASA S12.51-2012/ISO 3741-2010 (R2017), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for reverberation test rooms (reaffirmation of ANSI/ASA S12.51-2012/ISO 3741-2010)
PINS Date: Public Review Start: Jan 6, 2017 Approval Date: Mar 2, 2017
ISO Adoption

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Jan 17, 2019
ISO Adoption

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Jan 17, 2019

PINS Date: May 23, 2008 Public Review Start: Mar 9, 2018 Approval Date: May 7, 2018

PINS Date: Jul 15, 2011 Public Review Start: Jul 27, 2012 Approval Date: Sep 20, 2012

PINS Date: Public Review Start: May 11, 2018 Approval Date: Jun 29, 2018

PINS Date: Public Review Start: May 4, 2018 Approval Date: Jun 29, 2018

PINS Date: Public Review Start: May 4, 2018 Approval Date: Jun 29, 2018

PINS Date: Jun 22, 2012 Public Review Start: Feb 12, 2016 Approval Date: Apr 25, 2016

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 6, 2016

PINS Date: Mar 6, 2009 Public Review Start: Aug 6, 2010 Approval Date: Oct 6, 2010
ISO Adoption
PINS Date: Feb 8, 2008
Public Review Start: May 20, 2011
Approval Date: Aug 17, 2011

PINS Date: Feb 12, 2010
Public Review Start: Jul 15, 2010
Approval Date: Sep 1, 2016

PINS Date: Feb 12, 2010
Public Review Start: Jul 15, 2010
Approval Date: Sep 1, 2016

PINS Date: Feb 12, 2010
Public Review Start: Jul 15, 2010
Approval Date: Sep 1, 2016

PINS Date: Mar 18, 2016
Public Review Start: Mar 18, 2016
Approval Date: May 6, 2016

PINS Date: Sep 18, 2015
Public Review Start: Mar 22, 2019
Approval Date: May 10, 2019

PINS Date: Mar 18, 2016
Public Review Start: May 6, 2016

ANSI/ASA S12.2-2019, Criteria for Evaluating Room Noise (new standard)
PINS Date: Jan 24, 2014
Public Review Start: Mar 29, 2019
Approval Date: May 21, 2019

PINS Date: Mar 18, 2016
Public Review Start: May 6, 2016

PINS Date: Mar 18, 2016
Public Review Start: May 6, 2016

PINS Date: Nov 8, 2019
Public Review Start: Jan 6, 2020

PINS Date: Jul 28, 2017
Public Review Start: Sep 29, 2017


ANSI/ASA S12.54-2011/ISO 3744-2010 (R2016), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane (reaffirmation of ANSI/ASA S12.54-2011/ISO 3744-2010)

ANSI/ASA S12.56-2011/ISO 3746:2010 (R2016), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane (reaffirmation of ANSI/ASA S12.56-2011/ISO 3746-2010)


ANSI/ASA S12.6-2016, Methods for Measuring the Real-Ear Attenuation of Hearing Protectors (revision of ANSI/ASA S12.6-2008)


- **PINS Date:** Public Review Start: Feb 6, 2015
- **Approval Date:** Apr 1, 2015


- **PINS Date:** Public Review Start: Jul 28, 2017
- **Approval Date:** Oct 5, 2017


- **PINS Date:** Public Review Start: Aug 30, 2019
- **Approval Date:** Nov 1, 2019


- **PINS Date:** Public Review Start: Jan 21, 2011
- **Approval Date:** Mar 30, 2011


- **PINS Date:** Public Review Start: Sep 27, 2013
- **Approval Date:** Nov 26, 2013


- **PINS Date:** Public Review Start: Jul 28, 2017
- **Approval Date:** Sep 29, 2017


- **PINS Date:** Public Review Start: Sep 4, 2015
- **Approval Date:** Oct 27, 2015


- **PINS Date:** Public Review Start: Sep 11, 2015
- **Approval Date:** Nov 3, 2015

### ANSI/ASA S12.70-2016, Criteria for Evaluating Speech Privacy in Health Care Facilities (new standard)

- **PINS Date:** Aug 8, 2008
- **Public Review Start:** May 13, 2016
- **Approval Date:** Jul 19, 2016

### ANSI/ASA S12.72-2015, Procedure for Measuring the Ambient Noise Level in a Room (new standard)

- **PINS Date:** Jul 11, 2008
- **Public Review Start:** Jan 2, 2015
- **Approval Date:** Feb 24, 2015

### ANSI/ASA S12.76-2017, Methods for Measurement of Supersonic Jet Noise from Uninstalled Military Aircraft Engines (new standard)

- **PINS Date:** Aug 3, 2012
- **Public Review Start:** Feb 3, 2017
- **Approval Date:** Mar 27, 2017


- **PINS Date:** Public Review Start: Mar 15, 2013
- **Approval Date:** May 28, 2013


- **PINS Date:** Public Review Start: Sep 4, 2015
- **Approval Date:** Oct 27, 2015
Approved American National Standards


PINS Date:
Public Review Start: Jul 28, 2017
Approval Date: Sep 29, 2017


PINS Date:
Public Review Start: Jul 28, 2017
Approval Date: Sep 29, 2017

ANSI ASA S2.21-1998 (R2017), Method for Preparation of a Standard Material for Dynamic Mechanical Measurements (reaffirmation of ANSI/ASA S2.21-1998 (R2012))

PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Aug 24, 2017


PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Aug 24, 2017


PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Aug 24, 2017

ANSI ASA S2.75-2017/Part 1, Shaft Alignment Methodology, Part 1: General Principles, Methods, Practices, and Tolerances (new standard)

PINS Date: Sep 27, 2017
Public Review Start: Apr 14, 2017
Approval Date: Jun 6, 2017


PINS Date: Feb 2, 2018
Public Review Start: Aug 2, 2019
Approval Date: Sep 24, 2019
ISO Adoption


PINS Date: Feb 2, 2018
Public Review Start: Aug 2, 2019
Approval Date: Sep 24, 2019
ISO Adoption


PINS Date: Feb 2, 2018
Public Review Start: Aug 2, 2019
Approval Date: Sep 24, 2019
ISO Adoption

ANSI ASA S2.9-2008 (R2018), Parameters for Specifying Damping Properties of Materials and System Damping (reaffirmation of ANSI/ASA S2.9-2008 (R2013))

PINS Date:
Public Review Start: Apr 20, 2018
Approval Date: Jun 13, 2018


PINS Date:
Public Review Start: Jul 25, 2014
Approval Date: Sep 11, 2014
ISO Adoption
ANSI/ASA S2.16-1997 (R2016), Vibratory Noise Measurements and Acceptance Requirements for Shipboard Equipment (reaffirmation of ANSI/ASA S2.16-1997 (R2011))
PINS Date:
Public Review Start: Apr 15, 2016
Approval Date: Jun 16, 2016

ANSI/ASA S2.2-1959 (R2016), Methods for the Calibration of Shock and Vibration Pickups (reaffirmation of ANSI/ASA S2.2-1959 (R2011))
PINS Date:
Public Review Start: Apr 15, 2016
Approval Date: Jun 16, 2016

PINS Date:
Public Review Start: Feb 18, 2011
Approval Date: Apr 22, 2011

ANSI/ASA S2.24-2001 (R2016), Graphical Presentation of the Complex Modulus of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.24-2001 (R2011))
PINS Date:
Public Review Start: Jan 15, 2016
Approval Date: Mar 31, 2016

PINS Date:
Public Review Start: May 2, 2014
Approval Date: Sep 24, 2014

PINS Date:
Public Review Start: Apr 15, 2016
Approval Date: Jun 16, 2016

PINS Date:
Public Review Start: Apr 18, 2014
Approval Date: Jun 24, 2014

PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: Jun 3, 2019

PINS Date:
Public Review Start: Oct 26, 2018
Approval Date: Jan 17, 2019

ANSI/ASA S2.31-1979 (R2020), Methods for the Experimental Determination of Mechanical Mobility, Part I: Basic Definitions and Transducers (reaffirmation of ANSI/ASA S2.31-1979 (R2014))
PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Jan 6, 2020

PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Jan 6, 2020

PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Apr 1, 2015
ANSI/ASA S2.4-1976 (R2014), Method for Specifying the Characteristics of Auxiliary Analog Equipment for Shock and Vibration Measurements (reaffirmation and redesignation of ANSI S2.4-1976 (R2004))
PINS Date:  
Public Review Start: Aug 8, 2014  
Approval Date: Nov 5, 2014

ANSI/ASA S2.46-1989 (R2015), Standard Characteristics to be Specified for Seismic Transducers (reaffirmation of ANSI/ASA S2.46-1989 (R2010))
PINS Date:  
Public Review Start: Feb 6, 2015  
Approval Date: Apr 1, 2015

PINS Date:  
Public Review Start: Jul 10, 2015  
Approval Date: Aug 27, 2015

PINS Date:  
Public Review Start: Jun 14, 2019  
Approval Date: Aug 15, 2019

ANSI/ASA S2.70-2006 (R2016), Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the Hand (reaffirmation of ANSI/ASA S2.70-2006 (R2011))
PINS Date:  
Public Review Start: Apr 15, 2016  
Approval Date: Jun 17, 2016

PINS Date: Jun 2, 2006  
Public Review Start: Apr 29, 2011  
Approval Date: Aug 6, 2012

PINS Date:  
Public Review Start: Jul 28, 2017  
Approval Date: Sep 11, 2018

ISO Adoption

PINS Date:  
Public Review Start: Jul 28, 2017  
Approval Date: Sep 11, 2018

ISO Adoption

PINS Date:  
Public Review Start: Jul 28, 2017  
Approval Date: Sep 11, 2018

ISO Adoption

PINS Date:  
Public Review Start: Jul 28, 2017  
Approval Date: Sep 11, 2018

ISO Adoption
ANSI/ASA S2.73 Amd.1-2019/ISO 10819 Amd.1-2019, 
Mechanical vibration and shock – Hand-arm vibration – 
Measurement and evaluation of the vibration 
transmissibility of gloves at the palm of the hand – 
Amendment 1 (identical national adoption of ISO 10819 
Amd.1:2019) 
PINS Date: Mar 22, 2019 
Public Review Start: Jun 28, 2019 
Approval Date: Aug 16, 2019 
ISO Adoption

ANSI/ASA S2.73-2013/ISO 10819:2013 (R2019), 
Mechanical Vibration and Shock - Hand-arm Vibration - 
Measurement and Evaluation of the Vibration 
Transmissibility of Gloves at the Palm of the Hand (a 
nationally adopted international standard) (reaffirm a 
national adoption ANSI/ASA S2.73-2013/ISO 10819:2013) 
PINS Date: 
Public Review Start: Feb 22, 2019 
Approval Date: May 3, 2019 
ISO Adoption

ANSI/ASA S2.75-2017/Part 2, Shaft Alignment 
Methodology, Part 2: Vocabulary (new standard) 
PINS Date: Nov 4, 2016 
Public Review Start: Dec 9, 2016 
Approval Date: Jun 6, 2017

ANSI/ASA S2.8-2007 (R2017), Technical Information Used 
for Resilient Mounting Applications (reaffirmation of 
ANSI/ASA S2.8-2007 (R2012)) 
PINS Date: 
Public Review Start: Jan 6, 2017 
Approval Date: Mar 16, 2017

ANSI/ASA S2.81-2019/Part 11/ISO 21940-11-2016, 
Mechanical vibration - Rotor balancing - Part 11: 
Procedures and tolerances for rotors with rigid behaviour 
(identical national adoption of ISO 21940-11:2016) 
PINS Date: Feb 2, 2018 
Public Review Start: Aug 2, 2019 
Approval Date: Sep 24, 2019 
ISO Adoption

ANSI/ASA S2.81-2019/Part 12/ISO 21940-12-2016, 
Mechanical vibration - Rotor balancing - Part 12: 
Procedures and tolerances for rotors with flexible behaviour 
(identical national adoption of ISO 21940-12:2016) 
PINS Date: Feb 2, 2018 
Public Review Start: Aug 2, 2019 
Approval Date: Sep 24, 2019 
ISO Adoption

ANSI/ASA S2.81-2019/Part 14/ISO 21940-14-2012, 
Mechanical vibration - Rotor balancing - Part 14: 
Procedures for assessing balance errors (a nationally 
adopted international standard) (identical national adoption 
of ISO 21940-14:2012) 
PINS Date: Feb 9, 2018 
Public Review Start: Aug 2, 2019 
Approval Date: Sep 24, 2019 
ISO Adoption

ANSI ASA S3.22-2014 (R2020), Specification of Hearing 
Aid Characteristics (reaffirmation of ANSI ASA S3.22-2014) 
PINS Date: 
Public Review Start: Mar 27, 2020 
Approval Date: Jun 5, 2020

ANSI ASA S3.41-2015 (R2020), Audible Emergency 
Evacuation (E2) and Evacuation Signals with Relocation 
Instructions (ESRI) (reaffirmation of ANSI ASA S3.41 
-2015) 
PINS Date: 
Public Review Start: Mar 27, 2020 
Approval Date: Jun 5, 2020

ANSI ASA S3.50-2013 (R2018), Method for Evaluation of 
the Intelligibility of Text-to-Speech Synthesis Systems 
(reaffirmation of ANSI ASA S3.50-2013) 
PINS Date: 
Public Review Start: Apr 20, 2018 
Approval Date: Jun 13, 2018

ANSI ASA S3.52-2016 (R2020), Measurements of the 
Threshold of Hearing and Signal Detectability in a Sound 
Field (reaffirmation of ANSI ASA S3.52-2016) 
PINS Date: 
Public Review Start: Mar 27, 2020 
Approval Date: Jun 5, 2020

ANSI ASA S3.7-2016 (R2020), Method for Measurement 
and Calibration of Earphones (reaffirmation of ANSI ASA 
S3.7-2016) 
PINS Date: 
Public Review Start: Mar 27, 2020 
Approval Date: Jun 5, 2020
<table>
<thead>
<tr>
<th>ANSI/ASA Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI S3/SC1.6-2018</td>
<td>Procedure for Determining the Audiograms in Toothed Whales through Evoked Potential Methods</td>
<td>Dec 18, 2015</td>
<td>Apr 6, 2018</td>
<td>May 31, 2018</td>
</tr>
<tr>
<td>ANSI S3.1-1999 (R2018)</td>
<td>Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms</td>
<td>Oct 26, 2018</td>
<td>Dec 14, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/ASA S3.36-2012 (R2018)</td>
<td>Specification for a Manikin for Simulated in-situ Airborne Acoustic Measurements</td>
<td>Nov 17, 2017</td>
<td>Jan 17, 2018</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Public Review Start: Mar 27, 2020 Approval Date: Jun 5, 2020
IEC Adoption

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Aug 1, 2019
ISO Adoption

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Aug 1, 2019

PINS Date: Public Review Start: Aug 24, 2018 Approval Date: Oct 11, 2018

PINS Date: Public Review Start: Jan 4, 2019 Approval Date: Mar 14, 2019

ANSI/ASA S3.5-1997 (R2020), Methods for Calculation of the Speech Intelligibility Index (reaffirmation of ANSI/ASA S3.5-1997 (R2017))
PINS Date: Public Review Start: Mar 27, 2020 Approval Date: Jun 5, 2020

PINS Date: Public Review Start: Jan 4, 2019 Approval Date: Feb 22, 2019
IEC Adoption

PINS Date: Public Review Start: Jun 28, 2019 Approval Date: Aug 15, 2019
IEC Adoption

PINS Date: Public Review Start: Mar 27, 2020 Approval Date: Jun 5, 2020
IEC Adoption

ANSI/ASA S3.6-2018, Specification for Audiometers (revision of ANSI/ASA S3.6-2010)
PINS Date: Mar 13, 2015 Public Review Start: Aug 3, 2018 Approval Date: Sep 20, 2018

ANSI/ASA S3.71-2019, Methods for Measuring the Effect of Head-worn Devices on Directional Sound Localization in the Horizontal Plane (new standard)
PINS Date: Feb 10, 2017 Public Review Start: Mar 8, 2019 Approval Date: Apr 30, 2019
PINS Date: Dec 9, 2016
Approval Date: Jan 30, 2017
ISO Adoption

ANSI/ASABE AD4254-12-JUL2016, Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (identical national adoption of ISO 4254-12:2012)
PINS Date: Aug 22, 2014
Public Review Start: Jan 29, 2016
Approval Date: Jul 13, 2016
ISO Adoption

PINS Date: Nov 3, 2017
Approval Date: Dec 21, 2017
ISO Adoption

ANSI/ASABE AD4254-6-2013 (R2017), Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (reaffirmation of ANSI/ASABE AD4254-6-2013)
PINS Date: Oct 13, 2017
Approval Date: Dec 11, 2017
ISO Adoption

ANSI/ASABE AD500-2:OCT2016, Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 2: Narrow-track tractors, dimensions for master shield and clearance zone (national adoption of ISO 500-2:2004 with modifications and revision of ANSI/ASABE/ISO 500-2-2010)
PINS Date: Apr 8, 2016
Public Review Start: Jul 8, 2016
Approval Date: Oct 11, 2016
ISO Adoption

PINS Date: Jan 27, 2017
Public Review Start: Jun 16, 2017
Approval Date: Sep 12, 2017
ISO Adoption

PINS Date: Dec 31, 2018
ISO Adoption

ANSI/ASABE AD5674-2004 SEP2015 (R2019), Tractors and machinery for agricultural and forestry — Guards for power take-off (PTO) drive shafts — Strength and wear tests and acceptance criteria (reaffirm a national adoption ANSI/ASABE AD5674-2015)
PINS Date: Nov 1, 2019
Approval Date: Dec 19, 2019
ISO Adoption

ANSI/ASABE AD5675-2016, Agricultural tractors and machinery - General purpose quick-action hydraulic couplers (national adoption with modifications of ISO 5675:2008)
PINS Date: Mar 6, 2015
Approval Date: Jun 23, 2016
ISO Adoption

PINS Date: Oct 9, 2015
Approval Date: Mar 23, 2016
ISO Adoption

PINS Date: Nov 20, 2015
Public Review Start: Apr 21, 2017
Approval Date: Jul 13, 2017
ISO Adoption
PINS Date:   Nov 13, 2015
Approval Date:   Dec 30, 2015
ISO Adoption

PINS Date:   Nov 1, 2019
Approval Date:   Dec 19, 2019
ISO Adoption

PINS Date:   Jan 18, 2019
Public Review Start:   Apr 19, 2019
Approval Date:   Jul 29, 2019
ISO Adoption

PINS Date:   Jun 24, 2016
Approval Date:   Aug 31, 2016
ISO Adoption

PINS Date:   Jan 18, 2019
Public Review Start:   Apr 19, 2019
Approval Date:   Aug 8, 2019
ISO Adoption

PINS Date:   Jan 18, 2019
Public Review Start:   Apr 19, 2019
Approval Date:   Aug 8, 2019
ISO Adoption

PINS Date:   Sep 27, 2019
Approval Date:   Nov 12, 2019

PINS Date:   Sep 11, 2015
Public Review Start:   Jan 15, 2016
Approval Date:   Apr 13, 2016

PINS Date:   Oct 12, 2018
Public Review Start:   Dec 31, 2018

ANSI/ASABE S588.1-NOV16, Uniform Terminology for Air Quality (revision and redesignation of ANSI/ASABE S588-2012)
PINS Date:   Jul 8, 2016
Approval Date:   Nov 22, 2016

PINS Date:   Oct 9, 2015
Public Review Start:   Apr 15, 2016
Approval Date:   Aug 31, 2016

PINS Date:   Oct 9, 2015
Public Review Start:   Dec 21, 2015

PINS Date:   Nov 13, 2015
Public Review Start:   Dec 30, 2015

ISO Adoption
Approved American National Standards

PINS Date: Public Review Start: Nov 1, 2019 Approval Date: Dec 17, 2019

PINS Date: Public Review Start: Nov 27, 2015 Approval Date: Jan 22, 2016

PINS Date: Public Review Start: Jul 20, 2018 Approval Date: Oct 31, 2018

ANSI/ASABE S604.2-OCT2018, Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment (revision and redesignation of ANSI/ASABE S604.1-2014)
PINS Date: Public Review Start: Jul 20, 2018 Approval Date: Oct 12, 2018

PINS Date: Public Review Start: Nov 1, 2019 Approval Date: Dec 17, 2019

ANSI/ASABE S608-2008 (R2017), Headlamps for Agricultural Equipment (reaffirmation of ANSI/ASABE S608-2008 (R2013))
PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Oct 9, 2015 Approval Date: Dec 3, 2015

PINS Date: Public Review Start: Oct 19, 2018 Approval Date: Dec 7, 2018

PINS Date: Public Review Start: Mar 22, 2013 Approval Date: Jun 26, 2013

PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Jun 8, 2018

ANSI/ASABE S613-4-AUG2017, Tractors and self-propelled machinery for agriculture - Air quality systems for cabs - Part 4: Performance test of a cab (new standard)
PINS Date: Public Review Start: Jan 27, 2017 Approval Date: Aug 30, 2017

ANSI/ASABE S618 DEC2010 (R2016), Post Frame Building System Nomenclature (reaffirmation of ANSI/ASABE S618-2010)
PINS Date: Public Review Start: Nov 13, 2015 Approval Date: Jan 7, 2016
ANSI/ASABE S619.1 MONYEAR-2019, Safety for Tractor-Mounted, Boom-Type Post Hole Diggers (revision and redesignation of ANSI/ASABE S619-2014)
PINS Date: Jun 1, 2018
Public Review Start: May 31, 2019
Approval Date: Aug 22, 2019

ANSI/ASABE S620-MAR2017, Safety for Anyhydrous Ammonia Application Equipment (new standard)
PINS Date: May 14, 2010
Approval Date: Mar 16, 2017

PINS Date: Jul 29, 2016
Approval Date: Jan 12, 2017

ANSI/ASABE S624-AUG2018, Grain Bin Access Design Safety (new standard)
PINS Date: Nov 2, 2012
Public Review Start: Jun 1, 2018
Approval Date: Aug 31, 2018

PINS Date: May 8, 2015
Public Review Start: Apr 20, 2018
Approval Date: Jul 27, 2018

ANSI/ASABE S626-SEPT2016, Landscape Irrigation System Uniformity and Application Rate Testing (new standard)
PINS Date: Nov 25, 2011
Approval Date: Sep 26, 2016

ANSI/ASABE S629-2016, Framework to Evaluate the Sustainability of Agricultural Production Systems (new standard)
PINS Date: Sep 12, 2014
Public Review Start: Feb 12, 2016
Approval Date: Jun 10, 2016

ANSI/ASABE S632-1-JUN2018, Precision Agriculture Irrigation Language: Core Concepts, Processes, and Objects (new standard)
PINS Date: Jun 16, 2017
Public Review Start: Mar 30, 2018
Approval Date: Jun 29, 2018

ANSI/ASABE S632-3-JUN2018, Precision Agriculture Irrigation Language: Core Concepts, Processes, and Objects (new standard)
PINS Date: Jun 16, 2017
Public Review Start: Mar 30, 2018
Approval Date: Jun 29, 2018

PINS Date: Mar 29, 2013
Public Review Start: Feb 21, 2020
Approval Date: May 11, 2020

ANSI/ASABE S638-MAY19, Pintle Hitch and Ring for Over the Road Towed Implements (new standard)
PINS Date: Apr 8, 2016
Public Review Start: Feb 22, 2019
Approval Date: May 21, 2019

PINS Date: Sep 28, 2018
Public Review Start: Nov 9, 2018
Approval Date: Feb 5, 2019

ANSI/ASABE S640 JUL2017, Quantities and Units of Electromagnetic Radiation for Plants (Photosynthetic Organisms) (new standard)
PINS Date: Jun 5, 2015
Public Review Start: Apr 14, 2017
Approval Date: Jul 11, 2017

ANSI/ASABE S641-MAY2018, Droplet Size Classification of Aerial Application Nozzles (new standard)
PINS Date: Apr 3, 2015
Public Review Start: Feb 23, 2018
Approval Date: May 21, 2018
ANSI/ASABE S642-SEPT2018, Recommended Methods for Measurement and Testing of LED Products for Plant Growth and Development (new standard)
PINS Date: Jun 19, 2015
Public Review Start: Apr 20, 2018
Approval Date: Sep 21, 2018

PINS Date: Feb 2, 2018
Public Review Start: Nov 8, 2019
Approval Date: Mar 19, 2020

ANSI/ASABE S648-2 MONYEAR-2020, Agricultural Field Equipment Braking – Part 2: Requirements for Agricultural Tractors (new standard)
PINS Date: Feb 2, 2018
Public Review Start: Nov 8, 2019
Approval Date: Mar 19, 2020

ANSI/ASABE S648-3 MONYEAR-2020, Agricultural Field Equipment Braking – Part 3: Requirements for Self-Propelled and Special Self-Propelled Machines (new standard)
PINS Date: Feb 2, 2018
Public Review Start: Nov 8, 2019
Approval Date: Mar 19, 2020

ANSI/ASABE S648-4 MONYEAR-2020, Agricultural Field Equipment Braking – Part 4: Requirements for Towed Vehicles (new standard)
PINS Date: Feb 2, 2018
Public Review Start: Nov 8, 2019
Approval Date: Mar 19, 2020

ANSI/ASABE S648-5 MONYEAR-2020, Agricultural Field Equipment Braking – Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (new standard)
PINS Date: Feb 2, 2018
Public Review Start: Nov 8, 2019
Approval Date: Mar 19, 2020

ANSI/ASABE S647-OCT2018, Seed Cotton Module Identification System (new standard)
PINS Date: Nov 6, 2015
Public Review Start: Jul 20, 2018
Approval Date: Oct 22, 2018

PINS Date: Mar 24, 2017
Public Review Start: Jun 30, 2017
Approval Date: Sep 25, 2017
ISO Adoption

PINS Date: Mar 24, 2017
Public Review Start: Jun 30, 2017
Approval Date: Sep 29, 2017
ISO Adoption

PINS Date: Public Review Start: Oct 12, 2018
Approval Date: Dec 31, 2018
ISO Adoption

PINS Date: Public Review Start: Sep 27, 2019
Approval Date: Nov 12, 2019
ISO Adoption

PINS Date: Public Review Start: Dec 2, 2016
Approval Date: Jan 23, 2017
ISO Adoption
PINS Date: Dec 2, 2016
Approval Date: Jan 23, 2017
ISO Adoption

PINS Date: Dec 2, 2016
Approval Date: Jan 23, 2017
ISO Adoption

PINS Date: Dec 2, 2016
Approval Date: Jan 23, 2017
ISO Adoption

PINS Date: Dec 2, 2016
Approval Date: Jan 23, 2017
ISO Adoption

PINS Date: Oct 12, 2018
Approval Date: Dec 31, 2018
ISO Adoption

PINS Date: Oct 23, 2015
Public Review Start: Jan 29, 2016
Approval Date: Jun 23, 2016
ISO Adoption

PINS Date: Oct 23, 2015
Public Review Start: Jan 29, 2016
Approval Date: Jun 23, 2016
ISO Adoption

PINS Date: Aug 31, 2018
Public Review Start: Nov 16, 2018
Approval Date: Oct 16, 2019
ISO Adoption

ANSI/ASABE/ISO 21244-2008 JAN2011 (R2016), Agricultural equipment  - Mechanical connections between towed and towing vehicles  -  Implement hitch rings and attachment to tractor drawbars (reaffirmation of ANSI/ASABE/ISO 21244-2011)
PINS Date: Nov 27, 2015
Approval Date: Jan 26, 2016
ISO Adoption

PINS Date: Dec 26, 2014
Public Review Start: Jul 10, 2015
Approval Date: Feb 25, 2016
ISO Adoption

PINS Date: Oct 14, 2011
Public Review Start: Feb 17, 2012
Approval Date: Jun 7, 2012
ISO Adoption
ANSI/ASABE/ISO 27850-2016, Tractors for agriculture and forestry - Falling object protective structures - Test procedures and performance requirements (identical national adoption of ISO 27850:2013)
PINS Date: Nov 20, 2015
Approval Date: May 3, 2016
ISO Adoption

ANSI/ASABE/ISO 3463-SEP2017, Tractors for agriculture and forestry - Roll-over protective structures (ROPS) - Dynamic test method and acceptance conditions (identical national adoption of ISO 3463:2006)
PINS Date: Mar 24, 2017
Public Review Start: Jun 30, 2017
Approval Date: Sep 21, 2017
ISO Adoption

PINS Date: Nov 18, 2016
Public Review Start: Jan 6, 2017
Approval Date: Apr 3, 2017
ISO Adoption

PINS Date: Nov 18, 2016
Public Review Start: Jan 6, 2017
Approval Date: Apr 3, 2017
ISO Adoption

PINS Date: 
Approval Date: Dec 1, 2016
ISO Adoption

PINS Date: Oct 9, 2015
Public Review Start: Nov 27, 2015
Approval Date: Feb 25, 2016
ISO Adoption

PINS Date: 
Public Review Start: Nov 1, 2019
Approval Date: Dec 19, 2019
ISO Adoption

ANSI/ASABE/ISO 4252-MAY2012 (R2017), Agricultural tractors - Operator's workplace, access and exit - Dimensions (reaffirmation of ANSI/ASABE/ISO 4252-2012)
PINS Date: 
Public Review Start: Dec 9, 2016
Approval Date: Jan 30, 2017
ISO Adoption

ANSI/ASABE/ISO 500-3-2015 (R2019), Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 3: Main PTO dimensions and spline dimensions, location of PTO (reaffirm a national adoption ANSI/ASABE/ISO 500-3:2015)
PINS Date: 
Public Review Start: Mar 22, 2019
Approval Date: May 21, 2019
ISO Adoption

PINS Date: 
Approval Date: Dec 22, 2015
ISO Adoption

PINS Date: 
Approval Date: Dec 22, 2015
ISO Adoption
Approved American National Standards

ANSI/ASABE/ISO 5700--2013 SEP2017, Tractors for agriculture and forestry - Roll-over protective structures - Static test method and acceptance conditions (identical national adoption of ISO 5700:2013)
PINS Date: Mar 24, 2017
Public Review Start: Jun 30, 2017
Approval Date: Sep 29, 2017

ANSI/ASABE/ISO AD500-1:2015 (R2019), Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone (reaffirm a national adoption ANSI/ASABE/ISO AD500-1:2015)
PINS Date: Mar 22, 2019
Public Review Start: May 21, 2019
Approval Date: Dec 19, 2019

PINS Date: Oct 25, 2019
Public Review Start: Dec 19, 2019
Approval Date: Oct 12, 2019

PINS Date: Jun 1, 2018
Public Review Start: Jul 20, 2018
Approval Date: Oct 31, 2018

ANSI/ASAE D241.4-FEB93 (R2017), Density, Specific Gravity, and Mass-Moisture Relationships of Grain for Storage (reaffirmation of ANSI/ASAE D241.4-FEB93 (R2013))
PINS Date: Oct 6, 2017
Public Review Start: Nov 28, 2017
Approval Date: Oct 29, 2017

PINS Date: Oct 6, 2017
Public Review Start: Nov 30, 2017
Approval Date: Nov 30, 2017

PINS Date: Oct 13, 2017
Public Review Start: Mar 5, 2018
Approval Date: Mar 5, 2018

ANSI/ASAE EP378.4 JUN2010 (R202x), Floor and Suspended Loads on Agricultural Structures Due to Use (reaffirmation of ANSI/ASAE EP378.4 JUN2010 (R2014))
PINS Date: Oct 11, 2019
Public Review Start: Nov 26, 2019
Approval Date: Nov 26, 2019

PINS Date: Nov 1, 2019
Public Review Start: Dec 17, 2019
Approval Date: Dec 17, 2019

PINS Date: Oct 6, 2017
Public Review Start: Nov 28, 2017
Approval Date: Nov 28, 2017

PINS Date: Oct 9, 2015
Public Review Start: Dec 11, 2015
Approval Date: Dec 11, 2015

PINS Date: Oct 12, 2018
Public Review Start: Nov 29, 2018
Approval Date: Nov 29, 2018
ANSI/ASAE EP411.5-2012 (R2016), Guidelines for Measuring and Reporting Environmental Parameters for Plant Experiments in Growth Chambers (reaffirmation of ANSI/ASAE EP411.5-2012)
PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Dec 2, 2016

ANSI/ASAE EP446.3-2008 (R2017), Loads Exerted by Irish Potatoes in Shallow Bulk Storage Structures (reaffirmation of ANSI/ASAE EP446.3-2008 (R2012))
PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Nov 28, 2017

ANSI/ASAE EP484.3-DEC2017, Diaphragm Design of Metal-Clad, Wood-Frame Rectangular Buildings (revision and redesignation of ANSI/ASAE EP484.2-AUG98 (R2012))
PINS Date: Public Review Start: Sep 29, 2017 Approval Date: Dec 21, 2017

ANSI/ASAE EP486.3-2017, Shallow Post and Pier Foundation Design (revision and redesignation of ANSI/ASAE EP486.2-2012 (R2016))
PINS Date: May 5, 2017 Public Review Start: Jun 30, 2017 Approval Date: Sep 28, 2017

PINS Date: Public Review Start: Sep 27, 2019 Approval Date: Nov 12, 2019

PINS Date: Public Review Start: Oct 11, 2019 Approval Date: Nov 26, 2019

PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Dec 21, 2017

ANSI/ASAE S229.6-DEC1976 (R2017), Baling Wire for Automatic Balers (reaffirmation of ANSI/ASAE S229.6-DEC1976 (R2012))
PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Dec 21, 2017

ANSI/ASAE S261.7-OCT96 (R2015), Design and Installation of Nonreinforced Concrete Irrigation Pipe Systems (reaffirmation of ANSI/ASAE S261.7-OCT96 (R2011))
PINS Date: Public Review Start: Oct 9, 2015 Approval Date: Dec 3, 2015

PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Dec 22, 2017

ANSI/ASAE S279.18 MONYEAR-2019, Lighting and Marking of Agricultural Equipment on Highways (revision and redesignation of ANSI/ASAE S279.17-2013 (R2017))
PINS Date: Feb 24, 2017 Public Review Start: Apr 19, 2019 Approval Date: Oct 14, 2019

ANSI/ASAE S289.2 FEB1998 (R2018), Concrete Slip-Form Canal Linings (reaffirmation of ANSI/ASAE S289.2 FEB1998 (R2013))
PINS Date: Public Review Start: Oct 12, 2018 Approval Date: Nov 29, 2018
ANSI/ASAE S296.5 DEC2003 (R2018), General Terminology for Traction of Agricultural Traction and Transport Devices and Vehicles (reaffirmation and redesignation of ANSI/ASAE S296.5 DEC2003 (R2013))
PINS Date:
Public Review Start:   Oct 26, 2018
Approval Date:   Dec 17, 2018

PINS Date:
Public Review Start:   Oct 13, 2017
Approval Date:   Dec 11, 2017

ANSI/ASAE S315.5-AUG2018, Agricultural Baling Twine for Automatic Balers (revision and redesignation of ANSI/ASAE S315.4-2012 (R2017))
PINS Date:    May 29, 2015
Public Review Start:   Apr 6, 2018
Approval Date:   Aug 3, 2018

ANSI/ASAE S318.18-JUN2017, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.17-2009)
PINS Date:    Mar 28, 2014
Public Review Start:   Jan 20, 2017
Approval Date:   Jun 28, 2017

ANSI/ASAE S319.4-2008 (R2017), Method of Determining and Expressing Fineness of Feed Materials by Sieving (reaffirmation of ANSI/ASAE S319.4-2008 (R2013))
PINS Date:    Public Review Start:   Oct 13, 2017
Approval Date:   Dec 11, 2017

ANSI/ASAE S331.6-2015, Implement Power Take-Off Driveline Specifications (revision and redesignation of ANSI/ASAE S331.5-DEC82 (R2010))
PINS Date:    Mar 6, 2015
Public Review Start:   May 15, 2015
Approval Date:   Aug 26, 2015

ANSI/ASAE S338.5 MAY2006 (R2016), Field Equipment for Agriculture-Safety Chain for Towed Equipment (reaffirmation of ANSI/ASAE S338.5-2006 (R2011))
PINS Date:
Public Review Start:   Nov 27, 2015
Approval Date:   Jan 22, 2016

ANSI/ASAE S343.4-2015 (R2019), Terminology for Combines and Grain Harvesting (reaffirmation of ANSI/ASAE S343.4-2015)
PINS Date:
Public Review Start:   Nov 1, 2019
Approval Date:   Dec 17, 2019

PINS Date:    Public Review Start:   Nov 25, 2016
Approval Date:   Jan 23, 2017

ANSI/ASAE S354.7-SEP2018, Safety for Farmstead Equipment (revision and redesignation of ANSI/ASAE S354.6-NOV2016)
PINS Date:    May 12, 2017
Public Review Start:   Apr 27, 2018
Approval Date:   Sep 6, 2018

PINS Date:    Public Review Start:   Nov 1, 2019
Approval Date:   Dec 17, 2019

ANSI/ASAE S358.3 MAY2012 (R2017), Moisture Measurement - Forages (reaffirmation and redesignation of ANSI/ASAE S358.3-2012)
PINS Date:
Public Review Start:   Sep 30, 2016
Approval Date:   Jan 3, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASAE S362.2 JAN1993 (R2019), Wiring and Equipment for Electrically Driven or Controlled Irrigation Machines (reaffirmation of ANSI/ASAE S362.2 JAN1993 (R2015))

PINS Date: 
Public Review Start: Oct 25, 2019
Approval Date: Dec 19, 2019


PINS Date: 
Public Review Start: Oct 26, 2018
Approval Date: Dec 17, 2018

ANSI/ASAE S376.3-2016, Design, Installation and Performance of Underground, Thermoplastic Irrigation Pipelines (revision and redesignation of ANSI/ASAE S376.2 JAN1998 (R2015))

PINS Date: Nov 16, 2007
Public Review Start: Nov 27, 2015
Approval Date: Feb 19, 2016


PINS Date: 
Public Review Start: Nov 21, 2014
Approval Date: May 28, 2015

ANSI/ASAE S390.6 (ISO 12934:2013)-DEC16, Tractors and machinery for agriculture and forestry - Basic types - Vocabulary (national adoption with modifications of ISO 12934:2013)

PINS Date: Mar 25, 2016
Public Review Start: Sep 9, 2016
Approval Date: Dec 1, 2016

ISO Adoption


PINS Date: 
Public Review Start: Nov 1, 2019
Approval Date: Dec 17, 2019

ANSI/ASAE S396.-JUN2016, Combine Capacity and Performance Test Procedure (revision of ANSI/ASAE S396.2 -1990 (R2013))

PINS Date: Jan 29, 2016
Approval Date: Jun 30, 2016

ANSI/ASAE S397.4 NOV2013 (R2018), Electrical Service and Equipment for Irrigation (reaffirmation of ANSI/ASAE S397.4-NOV-2013)

PINS Date: 
Public Review Start: Oct 19, 2018
Approval Date: Dec 31, 2018

ANSI/ASAE S401.2-AUG93 (R2017), Guidelines for Use of Thermal Insulation in Agricultural Buildings (reaffirmation of ANSI/ASAE S401.2-AUG93 (R2012))

PINS Date: 
Public Review Start: Oct 6, 2017
Approval Date: Nov 28, 2017

ANSI/ASAE S418.1 OCT2010 (R2019), Dimensions for Cylindrical Hydraulic Couplers for Lawn and Garden Tractors (reaffirmation of ANSI/ASAE S418.1 OCT2010 (R2014))

PINS Date: 
Public Review Start: Nov 1, 2019
Approval Date: Dec 17, 2019


PINS Date: 
Public Review Start: Sep 27, 2019
Approval Date: Nov 12, 2019

ANSI/ASAE S424.1-SEP92 (R2017), Method of Determining and Expressing Particle Size of Chopped Forage Materials by Screening (reaffirmation of ANSI/ASAE S424.1-SEP92 (R2012))

PINS Date: 
Public Review Start: Dec 9, 2016
Approval Date: Jan 30, 2017

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 104
PINS Date: Apr 22, 2011
Public Review Start: Oct 5, 2018
Approval Date: Jan 11, 2019

PINS Date: May 18, 2012
Public Review Start: Mar 13, 2020
Approval Date: Jun 2, 2020

ANSI/ASAE S448.2-2014 (R2018), Thin-Layer Drying of Agricultural Crops (reaffirmation of ANSI/ASAE S448.2-2014)
PINS Date:
Public Review Start: Nov 10, 2017
Approval Date: Jan 24, 2018

ANSI/ASAE S459-FEB93 (R2017), Shear and Three-Point Bending Test of Animal Bone (reaffirmation of ANSI/ASAE S459-FEB93 (R2012))
PINS Date:
Public Review Start: Sep 30, 2016
Approval Date: Jan 3, 2017

PINS Date:
Public Review Start: Dec 9, 2016
Approval Date: Jan 30, 2017

ANSI/ASAE S478.1-2012 (R2016), Roll-Over Protective Structures (ROPS) for Compact Utility Tractors (reaffirmation of ANSI/ASAE S478.1-2012)
PINS Date:
Approval Date: Dec 27, 2016

ANSI/ASAE S483.2 AUG2011 (R2016), Rotary Mower Blade Ductility Test (reaffirmation of ANSI/ASAE S483.2-2011)
PINS Date:
Public Review Start: Nov 27, 2015
Approval Date: Mar 9, 2016

ANSI/ASAE S515-JAN94 (R2017), Pallet Load Transfer System for Vegetable Harvesters, Shuttle Vehicles, and Road Trucks (reaffirmation of ANSI/ASAE S515-JAN94 (R2012))
PINS Date:
Public Review Start: Nov 3, 2017
Approval Date: Dec 21, 2017

ANSI/ASAE S521-FEB93 (R2016), Method of Determining Peanut Blanchability (reaffirmation of ANSI/ASAE S521-FEB93 (R2011))
PINS Date:
Approval Date: Dec 2, 2016

ANSI/ASAE S572.3 MONYEAR-2020, Spray Nozzle Classification by Droplet Spectra (revision and redesignation of ANSI/ASAE S572.2-JUL2018)
PINS Date: Aug 10, 2018
Public Review Start: Nov 29, 2019
Approval Date: Feb 24, 2020

ANSI/ASAE S583.2 MONYEAR-2020, Safety for Agricultural Front End Loaders (new standard)
PINS Date: Dec 27, 2019
Public Review Start: Feb 21, 2020
Approval Date: May 14, 2020

PINS Date:
Approval Date: Jan 4, 2017
ISO Adoption

PINS Date:
Approval Date: Jan 4, 2017
ISO Adoption
PINS Date: Oct 7, 2016
Approval Date: Jan 4, 2017

ISO Adoption

ASB (ASC Z50) (American Society of Baking)
www.asbe.org

PINS Date: Jul 22, 2011
Public Review Start: May 20, 2016
Approval Date: Jul 14, 2016

ANSI/ASB Z50.2-2015, Bakery Equipment - Sanitation Standards (revision of ANSI/ASB Z50.2-2013)
PINS Date: Dec 6, 2013
Public Review Start: Jul 17, 2015
Approval Date: Oct 12, 2015

ASC X9 (Accredited Standards Committee X9, Incorporated)
www.x9.org

ANSI X9.100-10-2016, Paper Specifications for MICR Documents (revision of ANSI X9.100-10-2010)
PINS Date: Mar 4, 2016
Public Review Start: May 27, 2016
Approval Date: Aug 2, 2016

PINS Date: May 1, 2015
Public Review Start: Jul 24, 2015
Approval Date: Sep 16, 2015

PINS Date: Apr 27, 2018
Public Review Start: Jun 8, 2018
Approval Date: Aug 7, 2018

PINS Date: Feb 27, 2015
Public Review Start: Jun 5, 2015
Approval Date: Oct 2, 2015

ANSI X9.100-130-2011 (R2017), Universal Interbank Batch/Bundle Ticket (reaffirmation of ANSI X9.100-130-2011)
PINS Date: Sep 16, 2016
Approval Date: Jan 3, 2017

PINS Date: Apr 27, 2018
Public Review Start: Jun 22, 2018
Approval Date: Aug 10, 2018

ANSI X9.100-150-2010 (R2017), Check Carrier Envelopes (reaffirmation of ANSI X9.100-150-2010)
PINS Date: Sep 16, 2016
Approval Date: Jan 3, 2017

ANSI X9.100-151-2010 (R2017), Check Correction Strips (reaffirmation of ANSI X9.100-151-2010)
PINS Date: Sep 30, 2016
Public Review Start: Nov 18, 2016
Approval Date: Jan 6, 2017

PINS Date: Jul 4, 2014
Approval Date: Nov 10, 2015

PINS Date: Aug 23, 2019
Public Review Start: Nov 8, 2019
Approval Date: Jan 10, 2020
PINS Date: Oct 7, 2016
Public Review Start: Nov 18, 2016
Approval Date: Jan 6, 2017

ANSI X9.100-170-2010 (R2017), Check Fraud Deterrent Icon (reaffirmation of ANSI X9.100-170-2010)
PINS Date: Oct 7, 2016
Public Review Start: Nov 18, 2016
Approval Date: Jan 6, 2017

ANSI X9.100-180-2006 (S2018), Specifications for Electronic Exchange of Check and Image Data (Non-Domestic) (stabilized maintenance of ANSI X9.100-180-2006 (R2013))
PINS Date: May 11, 2018
Public Review Start: Jun 15, 2018
Approval Date: Aug 10, 2018

PINS Date: Jul 4, 2014
Approval Date: Dec 22, 2014

PINS Date: Public Review Start: Nov 18, 2016
Approval Date: Jan 6, 2017

PINS Date: Oct 7, 2016
Public Review Start: Nov 18, 2016
Approval Date: Jan 6, 2017

PINS Date: Jun 3, 2016
Public Review Start: Jun 24, 2016
Approval Date: Aug 10, 2016

PINS Date: Apr 20, 2018
Public Review Start: Jun 8, 2018
Approval Date: Aug 3, 2018

ANSI X9.100-189-2019, Savings Bond Paying Agent Virtual Stamp (new standard)
PINS Date: Jul 6, 2018
Public Review Start: May 31, 2019
Approval Date: Aug 8, 2019

ANSI X9.100-20 Parts 1, 2 & 3-2015, Print & Test Specifications for Magnetic Ink Printing (revision of ANSI X9.100-20 Parts 1, 2 & 3-2011)
PINS Date: Aug 8, 2014
Public Review Start: Dec 12, 2014
Approval Date: May 5, 2015

ANSI X9.100-30-2011 (R2017), Optical Background Measurement for MICR Documents (reaffirmation of ANSI X9.100-30-2011)
PINS Date: Oct 7, 2016
Public Review Start: Dec 2, 2016
Approval Date: Jan 19, 2017

PINS Date: Public Review Start: Aug 18, 2017
Approval Date: Oct 11, 2017

PINS Date: May 4, 2012
Public Review Start: Dec 21, 2012
Approval Date: Apr 15, 2013

ISO Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date: Oct 19, 2018
- Public Review Start: Apr 24, 2020
- Approval Date: May 26, 2020

- PINS Date:
- Public Review Start: Jan 19, 2018
- Approval Date: Mar 6, 2018

- PINS Date: Sep 16, 2016
- Approval Date: Jan 3, 2017

- PINS Date:
- Approval Date: Dec 15, 2016

- PINS Date: Nov 16, 2018
- Public Review Start: Dec 21, 2018
- Approval Date: Feb 13, 2019

- PINS Date: Nov 16, 2018
- Public Review Start: Dec 21, 2018
- Approval Date: Mar 19, 2019

- PINS Date: Nov 16, 2018
- Public Review Start: Dec 7, 2018
- Approval Date: Feb 8, 2019

**ISO Adoption**

- PINS Date:
- Approval Date: Dec 17, 2003

- PINS Date:
- Public Review Start: Nov 1, 2019
- Approval Date: Dec 19, 2019

- PINS Date: Apr 8, 2016
- Public Review Start: Dec 22, 2017
- Approval Date: Feb 28, 2018

- PINS Date: Oct 9, 2015
- Public Review Start: Dec 4, 2015
- Approval Date: May 18, 2016

- PINS Date: Dec 4, 2009
- Public Review Start: Apr 18, 2014
- Approval Date: Oct 21, 2014

- PINS Date: Jan 1, 2010
- Public Review Start: Apr 6, 2018
- Approval Date: Jul 10, 2018

ISO Adoption
PINS Date: May 9, 2008
Approval Date: Oct 21, 2008
ISO Adoption

PINS Date: May 9, 2008
Approval Date: Oct 21, 2008
ISO Adoption

PINS Date: Feb 10, 2017
Public Review Start: Dec 6, 2019
Approval Date: Jan 23, 2020

PINS Date: Jun 19, 2015
Approval Date: May 19, 2016

PINS Date: Nov 1, 2013
Public Review Start: Oct 9, 2015
Approval Date: Aug 3, 2017

PINS Date: Jan 27, 2017
Public Review Start: Oct 13, 2017
Approval Date: Dec 18, 2017

PINS Date: Dec 4, 2015
Public Review Start: Feb 16, 2016

ANSI X9.122-2020, Secure Consumer Authentication for Internet Debit Transactions (new standard)
PINS Date: Dec 9, 2016
Public Review Start: Jan 20, 2017
Approval Date: Feb 14, 2018

PINS Date: Oct 19, 2012
Public Review Start: Dec 14, 2012
Approval Date: Mar 13, 2013
ISO Adoption

ANSI X9.126/ISO 17442-2013, Legal Entity Identifier (LEI) (identical national adoption of ISO 17442)
PINS Date: Oct 19, 2012
Public Review Start: Dec 14, 2012
Approval Date: Mar 13, 2013

PINS Date: Oct 20, 2017
Approval Date: Dec 12, 2017

PINS Date: Nov 22, 2019
Approval Date: Jan 28, 2020

PINS Date: Nov 28, 2014
Public Review Start: Jan 30, 2015
Approval Date: Mar 24, 2015
PINS Date: Aug 31, 2018
Public Review Start: Nov 29, 2019
Approval Date: Jan 14, 2020
ISO Adoption

PINS Date: Mar 16, 2018
Public Review Start: Apr 10, 2020
Approval Date: May 28, 2020

PINS Date: Oct 3, 2014
Public Review Start: Oct 9, 2015
Approval Date: Nov 16, 2016

ANSI X9.24-3-2017, X9.24-3 Retail Financial Services Symmetric Key Management Part 3: Derived Unique Key per Transaction (new standard)
PINS Date: Aug 5, 2016
Public Review Start: Aug 18, 2017
Approval Date: Oct 11, 2017

PINS Date: Public Review Start: Dec 28, 2012
Approval Date: Apr 15, 2013

PINS Date: Public Review Start: Dec 16, 2016
Approval Date: Feb 2, 2017

ANSI X9.49-2010, Financial transaction messages - Electronic benefits transfer (EBT) - Food Stamps (revision of ANSI X9.58-2007)
PINS Date: Nov 9, 2012
Public Review Start: Apr 26, 2013
Approval Date: Jun 26, 2013

PINS Date: May 4, 2012
Public Review Start: Dec 28, 2012
Approval Date: Apr 15, 2013

ANSI X9.6-2014, Committee on Uniform Security Identification Procedures Securities Identification (CUSIP) (revision of ANSI X9.6-2008)
PINS Date: Apr 25, 2014
Approval Date: Dec 23, 2014

ANSI X9.63-2011 (R2017), Key Agreement and Key Management Using Elliptic Curve-Based Cryptography (reaffirmation of ANSI X9.63-2011)
PINS Date: Nov 25, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 2, 2017

PINS Date: Feb 10, 2017
Public Review Start: Jul 28, 2017
Approval Date: Sep 19, 2017

ANSI X9.73-2017, Cryptographic Message Syntax - ASN.1 and XML (revision of ANSI X9.73-2010 (R2017))
PINS Date: Apr 28, 2017
Public Review Start: Aug 11, 2017
Approval Date: Sep 28, 2017

ANSI X9.79 - Part 4-2013, Public Key Infrastructure (PKI) – Part 4: Asymmetric Key Management (new standard)
PINS Date: Oct 23, 2009
Public Review Start: Nov 16, 2012
Approval Date: Feb 5, 2013
PINS Date: Apr 12, 2019
Public Review Start: Jul 5, 2019
Approval Date: Aug 22, 2019

ISO Adoption

PINS Date: Apr 14, 2017
Public Review Start: Jan 31, 2020
Approval Date: Apr 9, 2020

PINS Date: May 4, 2012
Public Review Start: Dec 28, 2012
Approval Date: Apr 15, 2013

ANSI X9.82-2-2015, X9.82-2 Random Number Generation - Part 2: Entropy Sources (new standard)
PINS Date: Apr 11, 2014
Public Review Start: Jun 19, 2015
Approval Date: Sep 14, 2015

PINS Date: Nov 25, 2016
Approval Date: Jan 11, 2017

ANSI X9.82-4-2011 (R2017), Random Number Generation - Part 4: Random Bit Generator Constructions (reaffirmation of ANSI X9.82-4-2011)
PINS Date: Nov 25, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 2, 2017

PINS Date: Apr 28, 2017
Public Review Start: Nov 3, 2017
Approval Date: Apr 20, 2018

PINS Date: Nov 25, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 2, 2017

PINS Date: Jul 20, 2012
Public Review Start: Dec 20, 2013
Approval Date: Feb 6, 2014

PINS Date: Jul 20, 2012
Public Review Start: Nov 1, 2013
Approval Date: Feb 6, 2014

PINS Date: Apr 8, 2016
Approval Date: Dec 1, 2016

PINS Date: Nov 25, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 2, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020


PINS Date: Dec 16, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 2, 2017

ISO Adoption

ANSI X9.98-2010 (R2017), Lattice-Based Polynomial Public Key Encryption Algorithm - Part 1: Key Establishment; Part 2: Data Encryption (reaffirmation of ANSI X9.98-2010)

PINS Date: Nov 25, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 2, 2017


PINS Date: Apr 17, 2009
Public Review Start: May 15, 2009
Approval Date: Aug 17, 2009

ISO Adoption

ANSI/ASCA A1000-2019, Accredited Snow Contractors Association (revision of ANSI/ASCA A1000-2014)

PINS Date: Feb 1, 2019
Public Review Start: May 17, 2019
Approval Date: Jul 1, 2019


PINS Date: Nov 30, 2012
Public Review Start: Dec 28, 2012
Approval Date: Apr 24, 2013

ANSI/ASCE/EWRI 39-2015, Guidelines for Operational Hail Suppression Programs (new standard)

PINS Date: Jan 24, 2014
Public Review Start: Sep 26, 2014
Approval Date: Mar 5, 2015


PINS Date: Dec 4, 2015
Public Review Start: Jun 24, 2016
Approval Date: Nov 7, 2016


PINS Date: Dec 21, 2012
Approval Date: Sep 9, 2013


PINS Date: Feb 22, 2013
Public Review Start: Sep 26, 2014
Approval Date: Aug 10, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Public Review Start: Mar 23, 2018 Approval Date: Jul 25, 2018

PINS Date: Public Review Start: Sep 2, 2011 Approval Date: Jun 28, 2012

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Jun 30, 2016

PINS Date: Public Review Start: May 13, 2005 Approval Date: Jan 27, 2006

PINS Date: Public Review Start: Mar 16, 2007 Approval Date: Jun 25, 2009

ANSI/ASHRAE 135.1c-2007, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE 135.1-2006)
PINS Date: Public Review Start: Mar 16, 2007 Approval Date: Jun 28, 2007

ANSI/ASHRAE 135.1i-2011, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)
PINS Date: Public Review Start: Sep 10, 2010 Approval Date: Feb 3, 2011

ANSI/ASHRAE 135.1j-2012, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)
PINS Date: Public Review Start: Sep 2, 2011 Approval Date: Jun 28, 2012

ANSI/ASHRAE 135.1p-2018, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2013)
PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Jun 1, 2018

ANSI/ASHRAE 135.1q-2018, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2013)
PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Dec 7, 2018

ANSI/ASHRAE 135.1r-2018, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2013)
PINS Date: Public Review Start: Jan 27, 2017 Approval Date: Jun 1, 2018

PINS Date: Public Review Start: Apr 16, 2004 Approval Date: Feb 10, 2005

PINS Date: Public Review Start: Sep 2, 2011 Approval Date: Jul 26, 2012
Approved American National Standards

ANSI/ASHRAE 135b-2008, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE 135-2004)
PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Oct 27, 2008

ANSI/ASHRAE 135ba-2016, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)
PINS Date: Public Review Start: Oct 30, 2015 Approval Date: May 2, 2016

ANSI/ASHRAE 135bc-2016, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)
PINS Date: Public Review Start: Jan 2, 2015 Approval Date: May 2, 2016

ANSI/ASHRAE 135bd-2018, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
PINS Date: Public Review Start: Jan 5, 2018 Approval Date: Jun 14, 2018

ANSI/ASHRAE 135be-2018, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
PINS Date: Public Review Start: Mar 23, 2018 Approval Date: Jun 14, 2018

ANSI/ASHRAE 135bf-2016, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)
PINS Date: Public Review Start: Jul 24, 2015 Approval Date: Mar 1, 2016

ANSI/ASHRAE 135bg-2016, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)
PINS Date: Public Review Start: Jul 31, 2015 Approval Date: Mar 1, 2016

ANSI/ASHRAE 135bh-2016, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)
PINS Date: Public Review Start: Jul 31, 2015 Approval Date: Mar 1, 2016

ANSI/ASHRAE 135bi-2018, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Jun 14, 2018

ANSI/ASHRAE 135bk-2018, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
PINS Date: Public Review Start: Jan 27, 2017 Approval Date: Jun 14, 2018

ANSI/ASHRAE 135bl-2018, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
PINS Date: Public Review Start: Jan 27, 2017 Approval Date: Jun 14, 2018

ANSI/ASHRAE 135bm-2018, BACnet - A Data
Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)
PINS Date: Public Review Start: Jan 27, 2017 Approval Date: Jun 14, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Oct 20, 2017
Approval Date: Jun 14, 2018

PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: Jun 14, 2018

PINS Date:
Public Review Start: Mar 17, 2006
Approval Date: Jun 30, 2006

PINS Date:
Public Review Start: Mar 17, 2006
Approval Date: Mar 26, 2007

PINS Date:
Public Review Start: Sep 22, 2006
Approval Date: Mar 26, 2007

PINS Date:
Approval Date: Jun 25, 2009

PINS Date:
Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date:
Approval Date: Oct 27, 2008

PINS Date:
Public Review Start: Sep 12, 2008
Approval Date: Jun 25, 2009

PINS Date:
Approval Date: Jun 25, 2009

PINS Date:
Public Review Start: Sep 12, 2008
Approval Date: Jun 25, 2009
Approved American National Standards

- PINS Date: Mar 18, 2011
- Public Review Start: Mar 18, 2011
- Approval Date: Nov 2, 2011

- PINS Date: Apr 1, 2016
- Public Review Start: Apr 1, 2016
- Approval Date: Jul 1, 2016

- PINS Date: Aug 18, 2017
- Public Review Start: Aug 18, 2017
- Approval Date: Mar 27, 2018

- PINS Date: Aug 18, 2017
- Public Review Start: Aug 18, 2017
- Approval Date: Mar 27, 2018

- PINS Date: Aug 18, 2017
- Public Review Start: Aug 18, 2017
- Approval Date: Mar 27, 2018

- PINS Date: Aug 18, 2017
- Public Review Start: Aug 18, 2017
- Approval Date: Mar 27, 2018

- PINS Date: Aug 18, 2017
- Public Review Start: Aug 18, 2017
- Approval Date: Mar 27, 2018

ANSI/ASHRAE 158.2-2018, Methods of Testing Capacity of Refrigerant Pressure Regulators (revision of ANSI/ASHRAE Standard 158.2-2011)
- PINS Date: Dec 1, 2017
- Public Review Start: Dec 1, 2017
- Approval Date: Aug 1, 2018

- PINS Date: Mar 16, 2007
- Approval Date: Jul 25, 2007

- PINS Date: Jun 30, 2016
- Public Review Start: May 6, 2016
- Approval Date: Jun 29, 2017

- PINS Date: Apr 14, 2017
- Public Review Start: Apr 14, 2017
- Approval Date: Jun 29, 2017

- PINS Date: Mar 17, 2006
- Public Review Start: Mar 17, 2006
- Approval Date: Mar 3, 2007
<table>
<thead>
<tr>
<th>ANSI/ASHRAE Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASHRAE 161a-2009</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Mar 20, 2009</td>
<td>Jun 25, 2009</td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date:
Public Review Start: Jul 23, 2010
Approval Date: Feb 3, 2011

PINS Date:
Public Review Start: Jul 23, 2010
Approval Date: Jul 27, 2011

PINS Date:
Public Review Start: Aug 17, 2018
Approval Date: Dec 7, 2018

PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: Jun 29, 2017

PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: Jun 29, 2017

PINS Date:
Public Review Start: Sep 8, 2017
Approval Date: Jan 25, 2018

PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Jun 28, 2018

PINS Date: Sep 30, 2016
Public Review Start: Apr 13, 2018
Approval Date: Aug 1, 2018

PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: Jun 29, 2017

ANSI/ASHRAE 34a-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: Jun 29, 2017
ANSI/ASHRAE 34aa-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Mar 23, 2012 Approval Date: Jun 28, 2012

ANSI/ASHRAE 34ab-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Mar 23, 2012 Approval Date: Jun 28, 2012

ANSI/ASHRAE 34ab-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 18, 2016 Approval Date: Aug 30, 2016

ANSI/ASHRAE 34ac-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Aug 30, 2016

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 20, 2009 Approval Date: Jun 25, 2009

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 20, 2009 Approval Date: Jun 25, 2009

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 16, 2007 Approval Date: Jun 28, 2007
ANSI/ASHRAE 34b-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: Jun 29, 2017

PINS Date:
Public Review Start: Mar 16, 2007
Approval Date: Jun 28, 2007

ANSI/ASHRAE 34c-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)
PINS Date:
Public Review Start: Mar 16, 2007
Approval Date: Jun 28, 2007

ANSI/ASHRAE 34g-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)
PINS Date:
Public Review Start: Mar 16, 2007
Approval Date: Jun 28, 2007

ANSI/ASHRAE 34C-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Jul 14, 2017
Approval Date: Oct 10, 2017

PINS Date:
Public Review Start: Mar 16, 2007
Approval Date: Jun 28, 2007

ANSI/ASHRAE 34h-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Nov 3, 2017
Approval Date: Jan 25, 2018

PINS Date:
Public Review Start: Sep 22, 2006
Approval Date: Mar 3, 2007

ANSI/ASHRAE 34h-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Nov 3, 2017
Approval Date: Jan 25, 2018

ANSI/ASHRAE 34d-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: Jun 29, 2017

ANSI/ASHRAE 34i-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: May 6, 2011
Approval Date: Jun 30, 2011

ANSI/ASHRAE 34e-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)
PINS Date:
Public Review Start: Mar 16, 2007
Approval Date: Jun 28, 2007

ANSI/ASHRAE 34i-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: May 6, 2011
Approval Date: Jun 30, 2011

ANSI/ASHRAE 34e-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: Jun 29, 2017

ANSI/ASHRAE 34j-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Nov 3, 2017
Approval Date: Jan 25, 2018

ANSI/ASHRAE 34e-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: Jun 29, 2017

ANSI/ASHRAE 34j-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Public Review Start: Nov 3, 2017
Approval Date: Jan 25, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASHRAE 34k-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: May 6, 2011 Approval Date: Jun 30, 2011

ANSI/ASHRAE 34k-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Jan 25, 2018

ANSI/ASHRAE 34l-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: May 6, 2011 Approval Date: Jun 30, 2011

ANSI/ASHRAE 34l-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Nov 2, 2015

PINS Date: Public Review Start: Sep 22, 2006 Approval Date: Mar 3, 2007

ANSI/ASHRAE 34m-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Nov 2, 2015

ANSI/ASHRAE 34m-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Jan 25, 2018

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Jun 26, 2008

ANSI/ASHRAE 34q-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Nov 2, 2015

ANSI/ASHRAE 34n-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: May 6, 2011 Approval Date: Jun 30, 2011

ANSI/ASHRAE 34n-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Jan 25, 2018
PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Jun 26, 2008

ANSI/ASHRAE 34r-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Nov 2, 2015

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Jun 26, 2008

ANSI/ASHRAE 34s-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Nov 2, 2015

PINS Date: Public Review Start: Sep 22, 2006 Approval Date: Mar 3, 2007

ANSI/ASHRAE 34t-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Nov 2, 2015

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Jun 26, 2008

ANSI/ASHRAE 34u-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Sep 22, 2006 Approval Date: Mar 27, 2007

ANSI/ASHRAE 34v-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Jan 28, 2016

ANSI/ASHRAE 34w-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)
PINS Date: Public Review Start: Sep 12, 2008 Approval Date: Nov 18, 2009

ANSI/ASHRAE 34x-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Jan 28, 2016

ANSI/ASHRAE 34y-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Feb 26, 2016 Approval Date: Jun 30, 2016

ANSI/ASHRAE 34z-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Mar 23, 2012 Approval Date: Jun 28, 2012
ANSI/ASHRAE 34z-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:  
Public Review Start:  Feb 26, 2016  
Approval Date:  Jun 30, 2016

ANSI/ASHRAE 52.2a-2006, Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-1999)  
PINS Date:  
Public Review Start:  Apr 18, 2003  
Approval Date:  Jan 27, 2006

ANSI/ASHRAE 52.2a-2014, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
PINS Date:  
Approval Date:  Dec 31, 2014

ANSI/ASHRAE 52.2b-2008, Method of Testing General Ventilation Air Cleaning Devices for Removal by Particle Size (addenda to ANSI/ASHRAE 52.2-2007)  
PINS Date:  
Public Review Start:  Mar 16, 2007  
Approval Date:  Jul 24, 2008

ANSI/ASHRAE 52.2e-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
PINS Date:  
Approval Date:  Mar 1, 2016

ANSI/ASHRAE 52.2f-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
PINS Date:  
Approval Date:  Mar 1, 2016

ANSI/ASHRAE 52.2g-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
PINS Date:  
Approval Date:  Dec 30, 2016

ANSI/ASHRAE 52.2i-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
PINS Date:  
Public Review Start:  Sep 2, 2016  
Approval Date:  Dec 30, 2016

PINS Date:  
Public Review Start:  Mar 25, 2011  
Approval Date:  Jun 30, 2011

PINS Date:  
Public Review Start:  Mar 2, 2012  
Approval Date:  Jun 28, 2012

PINS Date:  
Public Review Start:  Mar 18, 2016  
Approval Date:  Oct 1, 2016

PINS Date:  
Public Review Start:  Mar 16, 2007  
Approval Date:  Jun 28, 2007
- PINS Date: 
- Public Review Start: Sep 12, 2008
- Approval Date: Jul 22, 2009

- PINS Date: 
- Public Review Start: Mar 20, 2009
- Approval Date: Jul 22, 2009

- PINS Date: 
- Public Review Start: Sep 8, 2017
- Approval Date: Jan 25, 2018

- PINS Date: 
- Public Review Start: Mar 23, 2018
- Approval Date: Jun 28, 2018

- PINS Date: 
- Public Review Start: Mar 12, 2004
- Approval Date: Jan 20, 2006

- PINS Date: 
- Public Review Start: Mar 23, 2018
- Approval Date: Jun 28, 2018

- PINS Date: 
- Public Review Start: Mar 23, 2018
- Approval Date: Jun 28, 2018

- PINS Date: 
- Public Review Start: Sep 12, 2008
- Approval Date: Jul 22, 2009

- PINS Date: 
- Public Review Start: Mar 23, 2018
- Approval Date: Jun 28, 2018

- PINS Date: 
- Public Review Start: Mar 20, 2009
- Approval Date: Jul 22, 2009

- PINS Date: 
- Public Review Start: Mar 20, 2009
- Approval Date: Jun 25, 2009

- PINS Date: 
- Approval Date: Jun 28, 2012

- PINS Date: 
- Public Review Start: Mar 20, 2009
- Approval Date: Jun 25, 2009

- PINS Date: 
- Public Review Start: Mar 23, 2018
- Approval Date: Feb 13, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Jul 25, 2018

PINS Date:
Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Jul 25, 2018

PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Jul 25, 2018

PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Jun 28, 2018

PINS Date:
Public Review Start: Mar 20, 2009
Approval Date: Jul 22, 2009

PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Jun 28, 2018

PINS Date:
Public Review Start: Sep 5, 2014
Approval Date: Jan 29, 2015

PINS Date:
Public Review Start: Sep 14, 2007
Approval Date: Jun 26, 2008

PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Jul 25, 2018

PINS Date:
Public Review Start: Sep 23, 2005
Approval Date: Mar 3, 2007

PINS Date:
Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: Jul 25, 2018

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 127
PINS Date: Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date: Public Review Start: Mar 23, 2012
Approval Date: Jul 26, 2012

PINS Date: Public Review Start: Sep 23, 2005
Approval Date: Apr 10, 2006

PINS Date: Public Review Start: Sep 2, 2018
Approval Date: Feb 13, 2019

PINS Date: Public Review Start: Sep 8, 2017
Approval Date: Jan 25, 2018

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 17, 2006
Approval Date: Mar 27, 2007

PINS Date: Public Review Start: Mar 23, 2012
Approval Date: Jul 26, 2012

PINS Date: Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date: Public Review Start: Sep 21, 2018
Approval Date: Feb 13, 2019

PINS Date: Public Review Start: Sep 8, 2017
Approval Date: Jan 25, 2018

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Feb 24, 2016

PINS Date: Public Review Start: Sep 22, 2006
Approval Date: Jul 25, 2007

PINS Date: Public Review Start: Oct 24, 2003
Approval Date: Aug 5, 2004

PINS Date:
Public Review Start: May 10, 2002
Approval Date: Sep 29, 2003


PINS Date:
Public Review Start: May 10, 2002
Approval Date: May 27, 2003


Public Review Start: Nov 8, 2002
Approval Date: Nov 26, 2003


Public Review Start: Jul 30, 1999
Approval Date: Mar 25, 2002


Public Review Start: Jul 30, 1999
Approval Date: Nov 27, 2001


Public Review Start: May 18, 2001
Approval Date: Sep 30, 2002


Public Review Start: Jun 18, 1999
Approval Date: Nov 27, 2001


Public Review Start: May 10, 2002
Approval Date: Jan 8, 2004


Public Review Start: Aug 11, 2000
Approval Date: Apr 2, 2003


Public Review Start: Jul 30, 1999
Approval Date: Dec 14, 2001


Public Review Start: Dec 3, 1999
Approval Date: Nov 27, 2001


Public Review Start: May 10, 2002
Approval Date: May 27, 2003


Public Review Start: Dec 3, 1999
Approval Date: Nov 6, 2001


Public Review Start: Aug 11, 2000
Approval Date: Apr 9, 2002

The data in this document is reported as of Monday, June 15, 2020.
<table>
<thead>
<tr>
<th>ANSI/ASHRAE Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASHRAE 90.4a-2018, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)</td>
<td>Public Review Start: Aug 25, 2017 Approval Date: Jan 25, 2018</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/ASHRAE Addedum f to Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)</td>
<td>Public Review Start: Mar 8, 2019 Approval Date: Jun 27, 2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addendum Number</td>
<td>Title</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------</td>
<td>-----------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jul 1, 2010

PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jan 28, 2010

PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jan 28, 2010

PINS Date:
Public Review Start: Mar 26, 2010
Approval Date: Jul 1, 2010

PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jan 28, 2010

PINS Date:
Public Review Start: Mar 20, 2009
Approval Date: Jun 25, 2009

PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jan 28, 2010

PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jan 28, 2010

PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jan 28, 2010

PINS Date:
Public Review Start: Apr 12, 2013
Approval Date: Jan 23, 2014

PINS Date:
Approval Date: Jan 26, 2012

PINS Date:
Approval Date: Jan 26, 2012
<table>
<thead>
<tr>
<th>Addendum</th>
<th>Title</th>
<th>Overview</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>161b-2017</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Ansible</td>
<td>Public Review Start: Aug 12, 2016</td>
<td>Approval Date: Feb 2, 2017</td>
<td></td>
</tr>
<tr>
<td>161c-2013</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Ansible</td>
<td>Public Review Start: Jul 27, 2012</td>
<td>Approval Date: Jan 30, 2013</td>
<td></td>
</tr>
<tr>
<td>161d-2017</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Ansible</td>
<td>Public Review Start: Nov 11, 2016</td>
<td>Approval Date: Jun 29, 2017</td>
<td></td>
</tr>
<tr>
<td>161f-2013</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Ansible</td>
<td>Public Review Start: Jul 27, 2012</td>
<td>Approval Date: Jan 30, 2013</td>
<td></td>
</tr>
<tr>
<td>161g-2013</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Ansible</td>
<td>Public Review Start: Dec 21, 2012</td>
<td>Approval Date: Jun 27, 2013</td>
<td></td>
</tr>
<tr>
<td>161h-2013</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Ansible</td>
<td>Public Review Start: Jul 27, 2012</td>
<td>Approval Date: Jan 30, 2013</td>
<td></td>
</tr>
<tr>
<td>161i-2013</td>
<td>Air Quality within Commercial Aircraft</td>
<td>Ansible</td>
<td>Public Review Start: Jul 27, 2012</td>
<td>Approval Date: Jan 30, 2013</td>
<td></td>
</tr>
<tr>
<td>170k-2013</td>
<td>Ventilation of Health Care Facilities</td>
<td>Ansible</td>
<td>Public Review Start: Sep 14, 2012</td>
<td>Approval Date: Jan 30, 2013</td>
<td></td>
</tr>
<tr>
<td>170n-2013</td>
<td>Ventilation of Health Care Facilities</td>
<td>Ansible</td>
<td>Public Review Start: Sep 14, 2012</td>
<td>Approval Date: Jan 30, 2013</td>
<td></td>
</tr>
</tbody>
</table>
Approval Date: Oct 27, 2012

Approval Date: Jun 28, 2012

Public Review Start: Jun 8, 2012
Approval Date: Oct 27, 2012

Public Review Start: Sep 14, 2012
Approval Date: Jan 30, 2013

ANSI/ASHRAE Addendum 34ab-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)
Public Review Start: Sep 12, 2008
Approval Date: Jan 29, 2009

ANSI/ASHRAE Addendum 34ac-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
Public Review Start: Sep 14, 2012
Approval Date: Jan 30, 2013

Public Review Start: Sep 12, 2008
Approval Date: Jan 29, 2009

ANSI/ASHRAE Addendum 34ae-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)
Public Review Start: Sep 12, 2008
Approval Date: Jan 29, 2009

ANSI/ASHRAE Addendum 34ae-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
Public Review Start: Sep 14, 2012
Approval Date: Jan 30, 2013
<table>
<thead>
<tr>
<th>ANSI/ASHRAE Addendum</th>
<th>Designation and Safety Classification of Refrigerants</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>34ak-2010</td>
<td>(addenda to ANSI/ASHRAE Standard 34-2007)</td>
<td>Sep 11, 2009</td>
<td>Feb 24, 2010</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASHRAE Addendum 34e-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Sep 10, 2010 Approval Date: Feb 3, 2011

ANSI/ASHRAE Addendum 34e-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 3, 2014

ANSI/ASHRAE Addendum 34f-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Sep 10, 2010 Approval Date: Feb 3, 2011

ANSI/ASHRAE Addendum 34f-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 3, 2014

ANSI/ASHRAE Addendum 34g-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Sep 10, 2010 Approval Date: Feb 3, 2011

ANSI/ASHRAE Addendum 34g-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 3, 2014

ANSI/ASHRAE Addendum 34h-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date: Public Review Start: Sep 10, 2010 Approval Date: Feb 3, 2011

ANSI/ASHRAE Addendum 34h-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 3, 2014

ANSI/ASHRAE Addendum 34i-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jan 29, 2015

ANSI/ASHRAE Addendum 34j-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jan 29, 2015

ANSI/ASHRAE Addendum 34k-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jan 29, 2015

ANSI/ASHRAE Addendum 34l-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jan 29, 2015

ANSI/ASHRAE Addendum 34m-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jan 29, 2015

ANSI/ASHRAE Addendum 34n-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jan 29, 2015
ANSI/ASHRAE Addendum 34p-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34q-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34r-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34s-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34t-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34t-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)
PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Jul 24, 2019

ANSI/ASHRAE Addendum 34u-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34v-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34w-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jun 27, 2013

ANSI/ASHRAE Addendum 34x-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)
PINS Date:
Public Review Start: Sep 12, 2008
Approval Date: Jan 29, 2009

ANSI/ASHRAE Addendum 34x-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jun 27, 2013

PINS Date:
Public Review Start: Sep 12, 2008
Approval Date: Jan 29, 2009

ANSI/ASHRAE Addendum 34y-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

ANSI/ASHRAE Addendum 34y-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)
PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Jan 28, 2010
<table>
<thead>
<tr>
<th>Addendum Code</th>
<th>Title</th>
<th>Date Added</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASHRAE Addendum</td>
<td>Version</td>
<td>Title</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>----------------------</td>
<td>---------</td>
<td>-------</td>
<td>-----------</td>
<td>---------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>62.1ao-2019</td>
<td>Ventilation for Acceptable Indoor Air Quality</td>
<td>May 17, 2019</td>
<td>Dec 12, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/ASHRAE Addendum</td>
<td>Title</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------</td>
<td>-----------</td>
<td>--------------------</td>
<td>--------------</td>
<td></td>
</tr>
<tr>
<td>62.1s-2014</td>
<td>Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td>62.2b-2014</td>
<td>Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td>62.2b-2014</td>
<td>Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td>62.2d-2015</td>
<td>Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
</tbody>
</table>
(adding to ANSI/ASHRAE Standard 62.2-2013)
PINS Date: Public Review Start: Apr 7, 2017
Approval Date: Jun 29, 2017

PINS Date: Public Review Start: Mar 6, 2009
Approval Date: Jun 25, 2009

PINS Date: Public Review Start: Sep 10, 2010
Approval Date: Mar 3, 2011

PINS Date: Public Review Start: Mar 28, 2014
Approval Date: Jul 3, 2014

PINS Date: Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

PINS Date: Public Review Start: Mar 28, 2014
Approval Date: Jul 3, 2014

PINS Date: Public Review Start: Sep 10, 2010
Approval Date: Feb 3, 2011

PINS Date: Public Review Start: Apr 4, 2014
Approval Date: Oct 29, 2014

PINS Date: Public Review Start: Sep 10, 2010
Approval Date: Feb 3, 2011

PINS Date: Public Review Start: Mar 27, 2015
Approval Date: Jul 2, 2015

PINS Date: Public Review Start: Sep 8, 2017
Approval Date: Feb 21, 2018

PINS Date: Public Review Start: Sep 16, 2011
Approval Date: Feb 24, 2012

PINS Date: Public Review Start: Sep 11, 2009
Approval Date: Feb 24, 2010

PINS Date: Public Review Start: Sep 16, 2011
Approval Date: Feb 24, 2012
<table>
<thead>
<tr>
<th>Addendum</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
- Public Review Start: Sep 11, 2009
- Approval Date: Jan 28, 2010

- Public Review Start: Sep 4, 2015
- Approval Date: Jan 28, 2016

- Public Review Start: Sep 11, 2009
- Approval Date: Feb 24, 2010

- Approval Date: Jun 28, 2012

- Public Review Start: Sep 11, 2009
- Approval Date: Feb 24, 2010

- Public Review Start: Sep 4, 2015
- Approval Date: Jan 28, 2016

- Public Review Start: Sep 4, 2015
- Approval Date: Feb 2, 2017

- Public Review Start: Sep 11, 2009
- Approval Date: Jan 28, 2010

- Approval Date: Jan 23, 2014

- Public Review Start: Mar 22, 2019
- Approval Date: Jun 27, 2019

- Public Review Start: Sep 14, 2012
- Approval Date: Feb 28, 2013

- Public Review Start: Sep 14, 2012
- Approval Date: Jan 30, 2013

- Approval Date: Jan 28, 2016

- Public Review Start: Sep 6, 2019
- Approval Date: Mar 2, 2020
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Mar 8, 2013</td>
<td>Public Review Start: Aug 17, 2018</td>
</tr>
<tr>
<td>Approval Date: Jun 27, 2013</td>
<td>Approval Date: Jan 17, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Sep 11, 2009</td>
<td>Public Review Start: May 24, 2019</td>
</tr>
<tr>
<td>Approval Date: Jul 1, 2010</td>
<td>Approval Date: Jul 25, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Feb 9, 2018</td>
<td>Public Review Start: Sep 21, 2018</td>
</tr>
<tr>
<td>Approval Date: Jun 27, 2019</td>
<td>Approval Date: Jan 17, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Jul 3, 2014</td>
<td>Approval Date: Jul 2, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Jul 3, 2014</td>
<td>Approval Date: Jan 23, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Nov 1, 2019</td>
<td>Public Review Start: Jul 12, 2019</td>
</tr>
<tr>
<td>Approval Date: Feb 6, 2020</td>
<td>Approval Date: Nov 5, 2019</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASHRAE Addendum a to Standard 30-2020,
Method of Testing Liquid Chillers (addenda to ANSI/ASHRAE Standard 30-2019)
PINS Date:
Public Review Start: Jan 17, 2020
Approval Date: May 29, 2020

ANSI/ASHRAE Addendum ak to ANSI/ASHRAE
Standard 34-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)
PINS Date:
Public Review Start: Mar 22, 2013
Approval Date: Jul 24, 2013

PINS Date:
Approval Date: Feb 2, 2017

ANSI/ASHRAE Addendum am to ANSI/ASHRAE
Standard 34-20137, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
PINS Date:
Approval Date: Feb 2, 2017

PINS Date:
Approval Date: Feb 2, 2017

ANSI/ASHRAE Addendum ao to ANSI/ASHRAE
PINS Date:
Approval Date: Oct 27, 2012

PINS Date:
Public Review Start: Sep 21, 2012
Approval Date: Jan 30, 2013

PINS Date:
Public Review Start: Apr 19, 2013
Approval Date: Jul 3, 2014

ANSI/ASHRAE Addendum au to ANSI/ASHRAE
PINS Date:
Public Review Start: Apr 19, 2013
Approval Date: Jul 3, 2014

ANSI/ASHRAE Addendum av to ANSI/ASHRAE
PINS Date:
Public Review Start: Apr 19, 2013
Approval Date: Jul 3, 2014
<table>
<thead>
<tr>
<th>Standard</th>
<th>Addendum</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASHRAE Addendum</td>
<td>Standard</td>
<td>Description</td>
<td>PINS Date</td>
<td>Public Review Start</td>
</tr>
<tr>
<td>----------------------</td>
<td>----------</td>
<td>-------------</td>
<td>-----------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Nov 1, 2019
Approval Date: Jan 31, 2020

PINS Date:
Public Review Start: Nov 8, 2013
Approval Date: Jul 3, 2014

PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Nov 5, 2019

PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Feb 2, 2017

PINS Date:
Public Review Start: Aug 23, 2019
Approval Date: Nov 5, 2019

ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 52.2-2014, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)
PINS Date:
Public Review Start: Dec 6, 2013
Approval Date: Jul 3, 2014

PINS Date:
Public Review Start: Sep 14, 2007
Approval Date: Jan 24, 2008

PINS Date:
Public Review Start: Aug 23, 2019
Approval Date: Nov 5, 2019

PINS Date:
Public Review Start: Oct 25, 2019
Approval Date: Dec 9, 2019

PINS Date:
Public Review Start: Mar 18, 2016
Approval Date: Feb 2, 2017

PINS Date:
Public Review Start: Aug 23, 2019
Approval Date: Dec 12, 2019

PINS Date:
Public Review Start: Sep 14, 2007
Approval Date: Jun 26, 2008
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASHRAE Addendum g to 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)
PINS Date:  
Public Review Start:  Mar 8, 2019
Approval Date:  Jun 27, 2019

PINS Date:  
Public Review Start:  Aug 30, 2019
Approval Date:  Nov 18, 2019

PINS Date:  
Public Review Start:  Nov 1, 2019
Approval Date:  Feb 6, 2020

PINS Date:  
Public Review Start:  Aug 30, 2019
Approval Date:  Nov 18, 2019

ANSI/ASHRAE Addendum i to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)
PINS Date:  
Public Review Start:  Jul 19, 2019
Approval Date:  Nov 1, 2019

PINS Date:  
Public Review Start:  Aug 30, 2019
Approval Date:  Nov 18, 2019

PINS Date:  
Approval Date:  Oct 27, 2012

PINS Date:  
Public Review Start:  Aug 30, 2019
Approval Date:  Nov 18, 2019

PINS Date:  
Approval Date:  Oct 27, 2012

PINS Date:  
Approval Date:  Oct 27, 2012
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Sep 2, 2011 Approval Date: Jan 26, 2012

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Mar 22, 2013 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Jul 6, 2018 Approval Date: Aug 26, 2019

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Jul 24, 2013

ANSI/ASHRAE Addendum r to ANSI/ASHRAE Standard 34-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)
PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Jan 17, 2019

ANSI/ASHRAE Addendum s to ANSI/ASHRAE Standard 34-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)
PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Jan 17, 2019

PINS Date: Public Review Start: Mar 23, 2018 Approval Date: Jan 17, 2019

PINS Date: Public Review Start: Jul 12, 2019 Approval Date: Nov 5, 2019

PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Jan 17, 2019
PINS Date: Jul 20, 2012
Public Review Start: Sep 11, 2015
Approval Date: Jul 3, 2017

PINS Date: Aug 20, 2010
Approval Date: Feb 19, 2014

PINS Date: May 19, 2000
Public Review Start: Nov 13, 2015
Approval Date: Apr 1, 2016

PINS Date: Jul 22, 2011
Public Review Start: Jul 28, 2017
Approval Date: Nov 1, 2017

PINS Date: Jul 20, 2012
Approval Date: Jan 30, 2013

PINS Date:
Public Review Start: Sep 11, 2009
Approval Date: Feb 24, 2010

PINS Date: Oct 31, 2008
Approval Date: Oct 27, 2012

PINS Date: Oct 5, 2007
Public Review Start: Feb 13, 2015
Approval Date: Jul 2, 2015

PINS Date: Jul 22, 2011
Public Review Start: Jul 22, 2016
Approval Date: Feb 1, 2017

PINS Date: Mar 4, 2011
Public Review Start: Sep 2, 2016
Approval Date: Nov 30, 2016

PINS Date: Jul 24, 2015
Approval Date: Dec 31, 2015

PINS Date: Mar 5, 2010
Public Review Start: Aug 12, 2011
Approval Date: Feb 24, 2012
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Jul 25, 2014
Public Review Start: Aug 25, 2017
Approval Date: Jun 1, 2018

PINS Date: Jul 22, 2011
Public Review Start: Dec 25, 2015
Approval Date: Feb 3, 2016

PINS Date: Jul 22, 2011
Public Review Start: Aug 29, 2014
Approval Date: Feb 2, 2015

ANSI/ASHRAE Standard 135-2016, BACnet – A Data Communication Protocol for Building Automation and Control Networks (new standard)
PINS Date: Public Review Start: Approval Date: Dec 19, 1995

ANSI/ASHRAE Standard 135.1-2013, Method of Testing Conformance to BACnet (new standard)
PINS Date: Apr 7, 2000
Public Review Start: Jun 14, 2002
Approval Date: Aug 6, 2003

ANSI/ASHRAE Standard 135.1c-2014, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2013)
PINS Date: Public Review Start: Aug 2, 2013
Approval Date: Dec 31, 2014

PINS Date: Public Review Start: May 20, 2016
Approval Date: Feb 8, 2017

PINS Date: Public Review Start: Sep 2, 2016
Approval Date: Nov 30, 2016

PINS Date: Aug 10, 2018
Public Review Start: Nov 23, 2018
Approval Date: Jan 22, 2019

ANSI/ASHRAE Standard 139.1-2015, Method of Test for the Evaluation of Building Energy Analysis Computer Programs (new standard)
PINS Date: Public Review Start: Approval Date: Aug 25, 2014

PINS Date: Public Review Start: Approval Date: May 1, 2017

PINS Date: Jul 22, 2011
Public Review Start: Aug 29, 2014
Approval Date: Feb 2, 2015

PINS Date: Jul 22, 2011
Public Review Start: Jul 25, 2014
Approval Date: Apr 1, 2015
PINS Date: Apr 8, 2005
Public Review Start: Sep 10, 2010
Approval Date: Jul 27, 2011

ANSI/ASHRAE Standard 146-2010, Method of Test for Rating Pool Heaters (revision of ANSI/ASHRAE Standard 146-2011)
PINS Date: Feb 13, 2015
Public Review Start: Oct 18, 2019
Approval Date: Apr 17, 2020

PINS Date: Oct 21, 2005
Public Review Start: Apr 12, 2013
Approval Date: Jun 27, 2013

PINS Date: Public Review Start: Approval Date: Aug 23, 2001

PINS Date: Mar 21, 2008
Public Review Start: Nov 9, 2018
Approval Date: May 31, 2019

PINS Date: Oct 20, 2006
Public Review Start: Apr 19, 2013
Approval Date: Feb 19, 2014

PINS Date: May 13, 1994
Public Review Start: Dec 12, 2014
Approval Date: May 1, 2015

PINS Date: Public Review Start: Approval Date: Aug 1, 2016

PINS Date: Oct 3, 2014
Public Review Start: Nov 30, 2018
Approval Date: May 31, 2019

PINS Date: Public Review Start: Approval Date: Jun 28, 2018

PINS Date: Public Review Start: Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Approval Date: Jun 28, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASHRAE Standard</td>
<td>Title</td>
<td>Approvals Details</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>-------</td>
<td>-------------------</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Approval Date: Jun 1, 2017 |
Public Review Start: May 27, 2016  
Approval Date: Apr 1, 2017 |
| ANSI/ASHRAE Standard 173-2012 (R2016) | Method of Test to Determine the Performance of Halocarbon Refrigerant Leak Detectors | PINS Date:  
Approval Date: Dec 31, 2015 |
| ANSI/ASHRAE Standard 174-2018 | Method of Test for Rating Desiccant-Based Dehumidification Equipment | PINS Date: Jul 20, 2012  
Public Review Start: Nov 24, 2017  
Approval Date: Aug 30, 2018 |
Public Review Start: Sep 1, 2017  
Approval Date: May 1, 2018 |
| ANSI/ASHRAE Standard 182-2008 (R2013) | Method of Testing Absorption Water-Chilling and Water-Heating Packages | PINS Date:  
Approval Date: Jun 27, 2013 |
| ANSI/ASHRAE Standard 184-2016 | Method of Test for Field Performance of Liquid-Chilling Systems | PINS Date: Mar 4, 2005  
Approval Date: Oct 31, 2016 |
| ANSI/ASHRAE Standard 185.1-2015 | Method of Testing UVC Lights for Use in Air Handling Units or Air Ducts to Inactivate Airborne Microorganisms | PINS Date: Mar 4, 2005  
Public Review Start: Jul 18, 2014  
Approval Date: Apr 1, 2015 |
| ANSI/ASHRAE Standard 185.2-2014 | Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces | PINS Date: Feb 17, 2006  
Public Review Start: Apr 5, 2013  
Approval Date: Jul 3, 2014 |
Public Review Start: Mar 13, 2015  
Approval Date: Jun 26, 2015 |
| ANSI/ASHRAE Standard 190-2013 | Method of Testing for Rating Indoor Pool Dehumidifiers | PINS Date: May 12, 2006  
Approval Date: May 3, 2013 |
| ANSI/ASHRAE Standard 193-2010 (R2014) | Method of Test for Determining Airtightness of HVAC Equipment | PINS Date:  
Approval Date: Jan 23, 2014 |
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASHRAE Standard 200-2018</td>
<td>Methods of Testing Chilled Beams</td>
<td>Feb 12, 2016</td>
<td>May 11, 2018</td>
<td>Dec 7, 2018</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASHRAE Standard 218-2019, Method of Test for Lubricant and Refrigerant Miscibility Determination (new standard)
PINS Date: Jul 18, 2014
Public Review Start: Sep 28, 2018
Approval Date: Apr 18, 2019

PINS Date: Jul 28, 2017
Public Review Start: Sep 1, 2017
Approval Date: May 1, 2018

ANSI/ASHRAE Standard 225-2020, Methods for Performance Testing Centrifugal Refrigerant Compressors and Condensing Units (new standard)
PINS Date: Jul 13, 2018
Public Review Start: Jan 17, 2020
Approval Date: Apr 13, 2020

PINS Date: Jul 12, 2013
Public Review Start: Nov 30, 2018
Approval Date: Jun 21, 2019

ANSI/ASHRAE Standard 23.2-2019, Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants (revision of ANSI/ASHRAE Standard 23.2-2014)
PINS Date: Jul 28, 2017
Public Review Start: Apr 26, 2019
Approval Date: Sep 30, 2019

PINS Date: Feb 12, 2016
Public Review Start: Feb 8, 2019
Approval Date: Aug 26, 2019

PINS Date: Jul 25, 2008
Public Review Start: May 4, 2018
Approval Date: Dec 17, 2018

PINS Date: Public Review Start: Nov 1, 2019
Approval Date: Feb 10, 2020

PINS Date: Public Review Start: Nov 1, 2019
Approval Date: Feb 10, 2020

PINS Date: Public Review Start: Jul 20, 2018
Approval Date: Oct 29, 2018

PINS Date: Feb 23, 2018
Public Review Start: Oct 12, 2018
Approval Date: May 1, 2019

PINS Date: Oct 18, 2013
Approval Date: Feb 2, 2017

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 160
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Previous Edition</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Revisions</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>---------------------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
ANSI/ASHRAE Standard 52.2a-2018, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)
PINS Date:   
Public Review Start:   May 11, 2018
Approval Date:   Aug 30, 2018

PINS Date:   
Public Review Start:   Oct 27, 2017
Approval Date:   Aug 1, 2018

ANSI/ASHRAE Standard 55-2013, Thermal Environmental Conditions for Human Occupancy (new standard)
PINS Date:   
Approval Date:   Apr 16, 2004

PINS Date:   
Public Review Start:   Feb 24, 2017
Approval Date:   Jun 1, 2017

PINS Date:   
Public Review Start:   May 16, 2001

PINS Date:   
Public Review Start:   Mar 6, 2015
Approval Date:   Oct 1, 2015

PINS Date:   
Public Review Start:   Nov 8, 2002
Approval Date:   Feb 20, 2004

PINS Date:   
Public Review Start:   Oct 18, 2013
Approval Date:   Mar 17, 2017

PINS Date:   
Public Review Start:   Jul 30, 2010
Approval Date:   Jun 1, 2017

PINS Date:   
Public Review Start:   Sep 2, 2016
Approval Date:   Nov 30, 2016

PINS Date:   
Public Review Start:   Jul 25, 2008
Approval Date:   Sep 10, 2010

PINS Date:   
Public Review Start:   Sep 2, 2016
Approval Date:   Nov 30, 2016

ANSI/ASHRAE Standard 90.4-2016, Energy Standard for Data Centers (new standard)
PINS Date:   
Public Review Start:   Jul 24, 2001

PINS Date:   
Public Review Start:   Sep 10, 2010
Approval Date:   Feb 3, 2011

ANSI/ASHRAE Standard 90.4-2016, Energy Standard for Data Centers (new standard)
PINS Date:   
Public Review Start:   Jul 13, 2012
Approval Date:   Apr 29, 2016

ANSI/ASHRAE Standard 90.4-2016, Energy Standard for Data Centers (new standard)
PINS Date:   
Public Review Start:   Jul 27, 2016

Approved American National Standards
Approved American National Standards

PINS Date:   Public Review Start:   Feb 24, 2017
Approval Date:   Jun 1, 2017

PINS Date:   Jul 25, 2014
Public Review Start:   Jun 17, 2011
Approval Date:   Jan 26, 2012

PINS Date:   Jul 25, 2014
Public Review Start:   Mar 2, 2018
Approval Date:   Jun 11, 2018

PINS Date:   Jul 28, 2017
Public Review Start:   Nov 1, 2017
Approval Date:   May 1, 2018

PINS Date:   Jul 13, 2012
Public Review Start:   Jul 7, 2017
Approval Date:   May 1, 2018

PINS Date:   Oct 16, 2015
Public Review Start:   Jun 1, 2016

PINS Date:   Jul 25, 2014
Public Review Start:   Jun 17, 2011
Approval Date:   Jan 26, 2012

PINS Date:   Jul 10, 2009
Public Review Start:   Jul 10, 2009
Approval Date:   Jul 10, 2010

PINS Date:   Jun 1, 2016
Public Review Start:   Mar 20, 2015
Approval Date:   Jun 1, 2016

PINS Date:   Mar 3, 2011
Public Review Start:   Sep 10, 2010
Approval Date:   Mar 3, 2011

PINS Date:   Nov 30, 2016
Public Review Start:   Jun 10, 2016
Approval Date:   Nov 30, 2016

PINS Date:   Jun 28, 2012
Public Review Start:   Sep 30, 2011
Approval Date:   Jun 28, 2012

PINS Date:   Dec 1, 2014
Public Review Start:   Mar 21, 2014
Approval Date:   Dec 1, 2014
<table>
<thead>
<tr>
<th>Addendum Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Sep 6, 2019 Approval Date: Mar 2, 2020

PINS Date: Public Review Start: Jun 10, 2016 Approval Date: Aug 1, 2016

PINS Date: Public Review Start: May 27, 2011 Approval Date: Jan 26, 2012

PINS Date: Public Review Start: May 27, 2011 Approval Date: Jan 26, 2012

PINS Date: Public Review Start: Jul 28, 2017 Approval Date: Mar 3, 2020

PINS Date: Public Review Start: Sep 2, 2011 Approval Date: Oct 27, 2012

PINS Date: Public Review Start: Aug 16, 2019 Approval Date: Mar 2, 2020

PINS Date: Public Review Start: Mar 23, 2018 Approval Date: Dec 12, 2019

PINS Date: Public Review Start: Mar 22, 2013 Approval Date: Jul 4, 2013

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Dec 5, 2013

PINS Date: Public Review Start: Jun 21, 2019 Approval Date: Jul 30, 2019

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Jul 4, 2013
- PINS Date: 
- Approval Date: Jul 24, 2013

- PINS Date: 
- Public Review Start: Apr 19, 2013
- Approval Date: Jul 24, 2013

- PINS Date: 
- Public Review Start: Jun 19, 2009
- Approval Date: Nov 16, 2009

- PINS Date: 
- Public Review Start: Dec 30, 2016
- Approval Date: Apr 1, 2017

- PINS Date: 
- Approval Date: Mar 2, 2017

- PINS Date: 
- Public Review Start: Feb 26, 2016
- Approval Date: Mar 2, 2017

- PINS Date: 
- Approval Date: Feb 13, 2017

- PINS Date: 
- Public Review Start: Apr 8, 2016
- Approval Date: Feb 13, 2017

- PINS Date: 
- Public Review Start: Apr 8, 2016
- Approval Date: Feb 13, 2017

- PINS Date: 
- Public Review Start: Apr 8, 2016
- Approval Date: Feb 13, 2017
<table>
<thead>
<tr>
<th>ANSI/ASHRAE/ICC/USGBC/IES Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
- PINS Date: Public Review Start: Apr 8, 2016  
- Approval Date: May 20, 2017

- PINS Date: Public Review Start: Apr 8, 2016  
- Approval Date: Jul 27, 2017

- PINS Date: Public Review Start: Apr 8, 2016  
- Approval Date: May 20, 2017

- PINS Date: Public Review Start: Jan 20, 2017  
- Approval Date: May 1, 2017

- PINS Date: Public Review Start: Aug 5, 2016  
- Approval Date: May 1, 2017

- PINS Date: Public Review Start: Feb 9, 2018  
- Approval Date: Aug 26, 2019

- PINS Date: Public Review Start: Feb 9, 2018  
- Approval Date: Aug 26, 2019

- PINS Date: Public Review Start: Feb 9, 2018  
- Approval Date: Jul 24, 2019

- PINS Date: Public Review Start: Sep 6, 2019  
- Approval Date: Feb 6, 2020

- PINS Date: Public Review Start: Oct 18, 2019  
- Approval Date: Mar 2, 2020

- PINS Date: Public Review Start: Nov 1, 2019  
- Approval Date: Feb 6, 2020
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Aug 30, 2019
Approval Date: Mar 31, 2020

PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Mar 31, 2020

PINS Date:
Public Review Start: Mar 31, 2017
Approval Date: Jun 29, 2017

PINS Date:
Public Review Start: Sep 9, 2016
Approval Date: Jul 24, 2017

PINS Date:
Public Review Start: Mar 27, 2015
Approval Date: Nov 2, 2015

PINS Date:
Public Review Start: Apr 29, 2016
Approval Date: Aug 1, 2017

PINS Date:
Public Review Start: Aug 11, 2017
Approval Date: Feb 1, 2018

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Feb 13, 2019

PINS Date:
Public Review Start: Nov 16, 2018
Approval Date: Jul 1, 2019

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Feb 13, 2019

PINS Date:
Public Review Start: Feb 8, 2019
Approval Date: Jul 1, 2019

PINS Date:
Public Review Start: Feb 8, 2019
Approval Date: Jul 1, 2019

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Feb 13, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jul 1, 2019

PINS Date: Public Review Start: Jul 28, 2017 Approval Date: Feb 13, 2019

PINS Date: Public Review Start: Mar 25, 2016 Approval Date: Aug 30, 2016

PINS Date: Public Review Start: Aug 14, 2009 Approval Date: Jan 28, 2010

PINS Date: Public Review Start: Sep 9, 2016 Approval Date: Nov 1, 2017

PINS Date: Public Review Start: Aug 4, 2017 Approval Date: Nov 1, 2017

PINS Date: Public Review Start: Aug 4, 2017 Approval Date: Nov 1, 2017

PINS Date: Public Review Start: Jun 29, 2018 Approval Date: Jul 24, 2019

PINS Date: Public Review Start: Jun 29, 2018 Approval Date: Jul 24, 2019

PINS Date: Public Review Start: Jun 29, 2018 Approval Date: Oct 1, 2018

PINS Date: Public Review Start: Aug 3, 2018 Approval Date: Jul 24, 2019

PINS Date: Public Review Start: Nov 16, 2018 Approval Date: Jul 24, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Aug 19, 2019

PINS Date: Public Review Start: Feb 1, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Aug 19, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Jun 27, 2019
PINS Date: Mar 9, 2018
Approval Date: Jul 24, 2019

PINS Date: Aug 3, 2018
Approval Date: Jul 24, 2019

PINS Date: Nov 16, 2018
Approval Date: Jul 1, 2019

PINS Date: Jun 10, 2011
Approval Date: Jan 26, 2012

PINS Date: Feb 14, 2014
Approval Date: Oct 29, 2014

PINS Date: Oct 14, 2016
Approval Date: Jan 25, 2018

PINS Date: Aug 12, 2011
Approval Date: Jul 31, 2013

PINS Date: Aug 12, 2011
Approval Date: Dec 1, 2015

PINS Date: Oct 14, 2018
Approval Date: Jun 28, 2018

PINS Date: Aug 12, 2011
Approval Date: Jan 25, 2018

PINS Date: Oct 14, 2016
Approval Date: Jan 25, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Energy Standard for Buildings Except Low-Rise Residential Buildings</th>
<th>ANSI/ASHRAE/IES Addendum ad to ANSI/ASHRAE/IES Standard 90.1-2016</th>
<th>PINS Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>90.1-2016</td>
<td>(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)</td>
<td>Public Review Start: Dec 9, 2018</td>
<td>Approval Date: Jun 28, 2018</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard</th>
<th>Energy Standard for Buildings Except Low-Rise Residential Buildings</th>
<th>ANSI/ASHRAE/IES Addendum ae to ANSI/ASHRAE/IES Standard 90.1-2013</th>
<th>PINS Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>90.1-2016</td>
<td>(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)</td>
<td>Public Review Start: Dec 5, 2014</td>
<td>Approval Date: Jun 28, 2018</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

|----------|---------------------------------------------------------------|---------------------------------------------------------------|------------|---------------------|---------------|

|----------|---------------------------------------------------------------|---------------------------------------------------------------|------------|---------------------|---------------|

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>90.1-2016</td>
<td>(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)</td>
<td>Public Review Start: Mar 9, 2018</td>
<td>Approval Date: Jun 28, 2018</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard</th>
<th>Energy Standard for Buildings Except Low-Rise Residential Buildings</th>
<th>ANSI/ASHRAE/IES Addendum af to ANSI/ASHRAE/IES Standard 90.1-2010</th>
<th>PINS Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
</table>

|----------|---------------------------------------------------------------|---------------------------------------------------------------|------------|---------------------|---------------|

|----------|---------------------------------------------------------------|---------------------------------------------------------------|------------|---------------------|---------------|

|----------|---------------------------------------------------------------|---------------------------------------------------------------|------------|---------------------|---------------|

|----------|---------------------------------------------------------------|---------------------------------------------------------------|------------|---------------------|---------------|

|----------|---------------------------------------------------------------|---------------------------------------------------------------|------------|---------------------|---------------|

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>90.1-2016</td>
<td>(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)</td>
<td>Public Review Start: Dec 5, 2014</td>
<td>Approval Date: Jun 28, 2018</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Dec 5, 2008 Approval Date: Feb 24, 2010

PINS Date: Public Review Start: Nov 30, 2012 Approval Date: Jul 1, 2013

PINS Date: Public Review Start: Jun 29, 2018 Approval Date: Oct 1, 2018

PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Aug 14, 2009 Approval Date: Jan 28, 2010

PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Jul 13, 2012 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Jul 13, 2012 Approval Date: Feb 12, 2013

PINS Date: Public Review Start: Aug 3, 2018 Approval Date: Jan 17, 2019

PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Jul 13, 2012 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Jul 13, 2012 Approval Date: Feb 12, 2013

PINS Date: Public Review Start: Aug 3, 2018 Approval Date: Jan 17, 2019

PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Jul 13, 2012 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Jul 13, 2012 Approval Date: Feb 12, 2013

PINS Date: Public Review Start: Aug 3, 2018 Approval Date: Jan 17, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Jul 13, 2012
Approval Date: Feb 12, 2013

PINS Date:
Public Review Start: Aug 3, 2018
Approval Date: Jan 17, 2019

PINS Date:
Public Review Start: Jul 13, 2012
Approval Date: Jul 1, 2013

PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Aug 30, 2016

PINS Date:
Approval Date: Jul 1, 2013

PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Jan 17, 2016

PINS Date:
Public Review Start: Jul 13, 2012
Approval Date: Feb 12, 2013

PINS Date:
Public Review Start: Aug 3, 2018
Approval Date: Jan 17, 2019

PINS Date:
Public Review Start: Jul 24, 2015
Approval Date: Feb 24, 2016

(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)
PINS Date:
Public Review Start: Mar 25, 2011
Approval Date: Jun 30, 2011

PINS Date:
Public Review Start: Jul 13, 2012
Approval Date: Aug 28, 2013

PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Jan 17, 2016

PINS Date:
Public Review Start: Jul 13, 2012
Approval Date: Aug 28, 2013

PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Jan 28, 2016
PINS Date: Mar 5, 2010
Approval Date: Apr 27, 2012

PINS Date: Jul 13, 2012
Approval Date: Jul 24, 2013

PINS Date: Jul 13, 2012
Approval Date: Jul 1, 2013

PINS Date: May 10, 2019
Approval Date: Aug 19, 2019

PINS Date: Aug 17, 2012
Approval Date: Jul 1, 2013

PINS Date: Jul 17, 2015
Approval Date: Jun 30, 2016

PINS Date: Feb 12, 2013
Approval Date: Jun 30, 2016
PINS Date: Public Review Start: Nov 6, 2009 Approval Date: Jul 1, 2010

PINS Date: Public Review Start: Aug 17, 2012 Approval Date: Jul 1, 2013

PINS Date: Public Review Start: Jul 17, 2015 Approval Date: Jul 26, 2016

PINS Date: Public Review Start: Jul 17, 2015 Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Aug 17, 2012 Approval Date: Sep 28, 2016

PINS Date: Public Review Start: Dec 4, 2015 Approval Date: Jun 30, 2016
PINS Date:
Public Review Start: Mar 22, 2013
Approval Date: Sep 4, 2013

PINS Date:
Public Review Start: Aug 17, 2012
Approval Date: Feb 12, 2013

PINS Date:
Public Review Start: May 10, 2019
Approval Date: Aug 26, 2019

PINS Date:
Public Review Start: Aug 17, 2012
Approval Date: Jan 28, 2016

PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Jan 28, 2016

PINS Date:
Public Review Start: Aug 17, 2012
Approval Date: Jul 31, 2013

PINS Date:
Public Review Start: May 10, 2019
Approval Date: Aug 19, 2019

PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Jan 28, 2016

PINS Date:
Public Review Start: Feb 12, 2016
Approval Date: Aug 30, 2016

PINS Date:
Public Review Start: Feb 8, 2019
Approval Date: Aug 19, 2019
<table>
<thead>
<tr>
<th>Addendum</th>
<th>Standard</th>
<th>Date Details</th>
</tr>
</thead>
</table>
PINS Date:
Public Review Start: Nov 6, 2009
Approval Date: Jul 1, 2010

PINS Date:
Public Review Start: Aug 17, 2012
Approval Date: Feb 12, 2013

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Jan 28, 2016

PINS Date:
Public Review Start: Jan 29, 2010
Approval Date: Jul 1, 2010

PINS Date:
Approval Date: Aug 28, 2013

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Sep 28, 2016

PINS Date:
Public Review Start: Feb 8, 2019
Approval Date: Jun 27, 2019

(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)
PINS Date:
Public Review Start: May 14, 2010
Approval Date: Feb 24, 2012

PINS Date:
Public Review Start: Feb 14, 2014
Approval Date: Oct 6, 2014

PINS Date:
Public Review Start: Mar 31, 2017
Approval Date: Jun 29, 2017

PINS Date:
Public Review Start: May 6, 2011
Approval Date: Jun 30, 2011

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Jun 30, 2016
PINS Date:
Public Review Start: Nov 6, 2009
Approval Date: Jul 1, 2010

PINS Date:
Public Review Start: Nov 6, 2009
Approval Date: Jul 1, 2010

PINS Date:
Public Review Start: Nov 6, 2009
Approval Date: Jul 1, 2010

PINS Date:
Approval Date: Jul 1, 2013

PINS Date:
Public Review Start: Nov 6, 2009
Approval Date: Jul 1, 2010

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Aug 30, 2016

PINS Date:
Public Review Start: Nov 6, 2009
Approval Date: Jul 1, 2010

PINS Date:
Approval Date: Aug 28, 2013

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Feb 24, 2016

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Jan 28, 2016

PINS Date:
Public Review Start: Nov 6, 2009
Approval Date: Jul 23, 2010
PINS Date: Public Review Start: Nov 30, 2012 Approval Date: Jul 1, 2013

PINS Date: Public Review Start: Nov 6, 2009 Approval Date: Aug 16, 2010

PINS Date: Public Review Start: Nov 30, 2012 Approval Date: Aug 28, 2013

PINS Date: Public Review Start: May 10, 2019 Approval Date: Aug 19, 2019

PINS Date: Public Review Start: May 6, 2011 Approval Date: Jan 26, 2012

PINS Date: Public Review Start: Jan 29, 2010 Approval Date: Jul 1, 2010

PINS Date: Public Review Start: Nov 30, 2012 Approval Date: Jul 1, 2013

PINS Date: Public Review Start: Nov 30, 2012 Approval Date: Jul 1, 2013

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Mar 25, 2011 Approval Date: Jun 30, 2011
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jan 28, 2016</td>
<td>Approval Date: Jul 1, 2010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jul 24, 2013</td>
<td>Approval Date: Jul 31, 2013</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jan 28, 2016</td>
<td>Approval Date: Jul 1, 2010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jul 23, 2010</td>
<td>Approval Date: Aug 30, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jul 1, 2013</td>
<td>Approval Date: Jul 24, 2010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jul 26, 2016</td>
<td>Approval Date: Jun 30, 2016</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Nov 30, 2012
Approval Date: Jul 1, 2013

PINS Date: Public Review Start: May 10, 2019
Approval Date: Aug 19, 2019

PINS Date: Public Review Start: Dec 4, 2015
Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 22, 2013
Approval Date: Jul 31, 2013

PINS Date: Public Review Start: Dec 4, 2015
Approval Date: Jun 30, 2016

PINS Date: Public Review Start: Mar 22, 2013
Approval Date: Jul 31, 2013

PINS Date: Public Review Start: May 10, 2019
Approval Date: Aug 19, 2019

PINS Date: Public Review Start: May 10, 2019
Approval Date: Aug 19, 2019
<table>
<thead>
<tr>
<th>Addendum/Copyright</th>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dec 4, 2015</td>
<td>Jun 30, 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jul 1, 2010</td>
<td>Aug 30, 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Mar 22, 2013</td>
<td>Apr 9, 2010</td>
</tr>
<tr>
<td>Jul 31, 2013</td>
<td>Jul 24, 2010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Dec 4, 2015</td>
<td>Mar 22, 2013</td>
</tr>
<tr>
<td>Jun 30, 2016</td>
<td>Jul 31, 2013</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Mar 22, 2013</td>
<td>Feb 12, 2016</td>
</tr>
<tr>
<td>Addendum</td>
<td>Standard</td>
</tr>
<tr>
<td>----------</td>
<td>----------</td>
</tr>
</tbody>
</table>
PINS Date:  
Public Review Start:  Feb 12, 2016  
Approval Date:  Jun 30, 2016

PINS Date:  
Public Review Start:  Jun 4, 2010  
Approval Date:  Jul 24, 2010

PINS Date:  
Public Review Start:  Feb 12, 2016  
Approval Date:  Jun 30, 2016

PINS Date:  
Public Review Start:  Jun 4, 2010  
Approval Date:  Jul 24, 2010

(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
PINS Date:  
Public Review Start:  Sep 10, 2010  
Approval Date:  Jun 30, 2011

PINS Date:  
Public Review Start:  Feb 12, 2016  
Approval Date:  Aug 30, 2016

PINS Date:  
Public Review Start:  Sep 4, 2015  
Approval Date:  Jan 28, 2016

PINS Date:  
Public Review Start:  Feb 12, 2016  
Approval Date:  Jun 30, 2016
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Jul 31, 2013

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Jul 31, 2013

PINS Date: Public Review Start: Apr 19, 2013 Approval Date: Jul 31, 2013

PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jun 26, 2015

PINS Date: Public Review Start: Mar 31, 2017 Approval Date: Jun 29, 2017

PINS Date: Public Review Start: Mar 25, 2011 Approval Date: Jul 26, 2012

PINS Date: Public Review Start: Mar 25, 2016 Approval Date: Aug 30, 2016

PINS Date: Public Review Start: Mar 25, 2016 Approval Date: Aug 30, 2016

PINS Date: Public Review Start: Mar 25, 2016 Approval Date: Aug 30, 2016

PINS Date: Public Review Start: Mar 25, 2016 Approval Date: Aug 30, 2016

PINS Date: Public Review Start: Mar 25, 2016 Approval Date: Aug 30, 2016
<table>
<thead>
<tr>
<th>Addendum</th>
<th>Standard Year</th>
<th>Standard Title</th>
<th>Approval Date</th>
<th>Public Review Start</th>
<th>PINS Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Mar 31, 2017 Approval Date: Jan 25, 2018

PINS Date: Public Review Start: Mar 25, 2011 Approval Date: Jun 30, 2011


PINS Date: Public Review Start: Mar 25, 2011 Approval Date: Jun 30, 2011

PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jan 29, 2015

PINS Date: Public Review Start: Mar 31, 2017 Approval Date: Jul 25, 2018

PINS Date: Public Review Start: Mar 25, 2011 Approval Date: Jun 30, 2011

PINS Date: Public Review Start: Mar 13, 2015 Approval Date: Sep 16, 2016

PINS Date: Public Review Start: Jun 10, 2011 Approval Date: Jun 28, 2012
<table>
<thead>
<tr>
<th>ANSI/ASHRAE/IES Addendum</th>
<th>Standard 90.1</th>
<th>Energy Standard for Buildings Except Low-Rise Residential Buildings</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>L to ANSI/ASHRAE/IES</td>
<td>2016</td>
<td></td>
<td></td>
<td>Jul 28, 2017</td>
<td>Jan 25, 2018</td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/ASHRAE/IES Addendum</td>
<td>2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p to ANSI/ASHRAE/IES</td>
<td>90.1-2012</td>
<td></td>
<td></td>
<td>Jun 10, 2011</td>
<td>Jan 26, 2012</td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>o to ANSI/ASHRAE/IES</td>
<td>90.1-2012</td>
<td></td>
<td></td>
<td>Jun 10, 2011</td>
<td>Jan 26, 2012</td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2015</td>
<td></td>
<td></td>
<td>Sep 5, 2014</td>
<td>Jan 29, 2015</td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2016</td>
<td></td>
<td></td>
<td>Feb 9, 2018</td>
<td>Jun 28, 2018</td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addendum to</td>
<td>90.1-2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Public Review Start: Jun 10, 2011 Approval Date: Feb 28, 2013

PINS Date: Public Review Start: Jun 10, 2011 Approval Date: Jul 24, 2013

PINS Date: Public Review Start: Feb 9, 2018 Approval Date: Jun 28, 2018

PINS Date: Public Review Start: Aug 12, 2011 Approval Date: Jan 26, 2012

PINS Date: Public Review Start: Dec 5, 2014 Approval Date: Jun 26, 2015

PINS Date: Public Review Start: Jun 29, 2018 Approval Date: Oct 1, 2018

PINS Date: May 8, 2009 Public Review Start: Dec 20, 2013 Approval Date: Feb 2, 2015

PINS Date: Jul 30, 2010 Public Review Start: Jan 25, 2013 Approval Date: Jul 1, 2013

PINS Date: Public Review Start: May 14, 2010 Approval Date: Jul 24, 2010

PINS Date: Public Review Start: May 4, 2018 Approval Date: Dec 7, 2018

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 202
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASHRAE/IESNA 90.2c-2007, Energy Efficient
Design of Low-Rise Residential Buildings  (addenda to
ANSI/ASHRAE 90.2-2004)
PINS Date:
Public Review Start:   Sep 23, 2005
Approval Date:   Mar 3, 2007

ANSI/ASHRAE/IESNA 90.2d-2007, Energy Efficient
Design of Low-Rise Residential Buildings  (addenda to
ANSI/ASHRAE 90.2-2004)
PINS Date:
Public Review Start:   Sep 23, 2005
Approval Date:   Mar 3, 2007

ANSI/ASHRAE/IESNA 90.2e-2007, Energy Efficient
Design of Low-Rise Residential Buildings  (addenda to
ANSI/ASHRAE 90.2-2004)
PINS Date:
Public Review Start:   Sep 23, 2005
Approval Date:   Mar 3, 2007

ANSI/ASHRAE/IESNA Addendum 90.1cd-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 24, 2010

ANSI/ASHRAE/IESNA Addendum 90.1cn-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 1, 2010

ANSI/ASHRAE/IESNA Addendum 90.1co-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 24, 2010

ANSI/ASHRAE/IESNA Addendum 90.1cp-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 23, 2010

ANSI/ASHRAE/IESNA Addendum 90.1cq-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Aug 16, 2010

ANSI/ASHRAE/IESNA Addendum 90.1cr-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 13, 2010

ANSI/ASHRAE/IESNA Addendum 90.1cs-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 24, 2010

ANSI/ASHRAE/IESNA Addendum 90.1ct-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 24, 2010

ANSI/ASHRAE/IESNA Addendum 90.1cv-2010, Energy
Standard for Buildings Except Low-Rise Residential
Buildings  (addenda to ANSI/ASHRAE/IESNA Standard
90.1-2007)
PINS Date:
Public Review Start:   Mar 5, 2010
Approval Date:   Jul 24, 2010
<table>
<thead>
<tr>
<th>ANSI/ASHRAE/IESNA Addendum</th>
<th>Year</th>
<th>Energy Standard for Buildings Except Low-Rise Residential Buildings</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ANSI/ASHRAE/IESNA Addendum</th>
<th>Year</th>
<th>Energy Standard for Buildings Except Low-Rise Residential Buildings</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>

Public Review Start: Nov 3, 2006
Approval Date: Mar 27, 2007


Approval Date: Jul 24, 2008


Approval Date: Mar 11, 2005


Approval Date: Jul 24, 2008


Approval Date: Jun 28, 2012


Public Review Start: May 7, 2004
Approval Date: Jul 1, 2004


Public Review Start: Mar 17, 2006
Approval Date: Mar 27, 2007


Public Review Start: Mar 17, 2006
Approval Date: Jul 22, 2009


Approval Date: Jan 29, 2009


Public Review Start: Mar 17, 2006
Approval Date: Mar 3, 2007


Approval Date: Jun 28, 2012


Approval Date: Jun 28, 2012
PINS Date: 
Public Review Start:   Mar 20, 2009
Approval Date:   Jun 25, 2009

PINS Date: 
Approval Date:   Jun 28, 2012

PINS Date: 
Public Review Start:   Mar 17, 2006
Approval Date:   Jun 25, 2009

PINS Date: 
Public Review Start:   Nov 26, 2004
Approval Date:   Aug 3, 2005

PINS Date: 
Public Review Start:   Mar 17, 2006
Approval Date:   Mar 3, 2007

PINS Date: 
Public Review Start:   Jun 19, 2009
Approval Date:   Jul 23, 2010

PINS Date: 
Public Review Start:   Sep 12, 2008
Approval Date:   Jan 29, 2009

PINS Date: 
Public Review Start:   Sep 12, 2008
Approval Date:   Jan 29, 2009

PINS Date: 
Public Review Start:   Sep 12, 2008
Approval Date:   Jan 29, 2009

PINS Date: 
Public Review Start:   Sep 22, 2006
Approval Date:   Mar 3, 2007

PINS Date: 
Public Review Start:   Sep 22, 2006
Approval Date:   Dec 14, 2007

PINS Date: 
Approval Date:   Jun 28, 2012
<table>
<thead>
<tr>
<th>Addendum Name</th>
<th>Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Public Review Start: Sep 14, 2007 Approval Date: Jun 26, 2008

PINS Date: Public Review Start: May 27, 2005 Approval Date: Apr 10, 2006

PINS Date: Public Review Start: Sep 14, 2007 Approval Date: Jul 24, 2008

PINS Date: Public Review Start: Sep 14, 2007 Approval Date: Jul 24, 2008

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Nov 19, 2008

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Nov 19, 2008

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Jun 26, 2008

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Jul 22, 2009

PINS Date: Public Review Start: Sep 14, 2007 Approval Date: Jun 26, 2008

PINS Date: Public Review Start: Sep 23, 2005 Approval Date: Apr 10, 2006

PINS Date: Public Review Start: Sep 14, 2007 Approval Date: Jul 24, 2008

PINS Date: Public Review Start: Mar 20, 2009 Approval Date: Jun 25, 2009
PINS Date: Public Review Start: Jan 4, 2008 Approval Date: Nov 19, 2008

PINS Date: Public Review Start: Jan 4, 2008 Approval Date: Nov 19, 2008

PINS Date: Public Review Start: Jan 4, 2008 Approval Date: Nov 19, 2008

PINS Date: Public Review Start: Jan 4, 2008 Approval Date: Jan 29, 2009

PINS Date: Public Review Start: Jan 4, 2008 Approval Date: Nov 19, 2008

PINS Date: Public Review Start: Jan 4, 2008 Approval Date: Jul 22, 2009

PINS Date: Public Review Start: Mar 21, 2008 Approval Date: Jun 26, 2008

PINS Date: Public Review Start: Sep 23, 2005 Approval Date: Mar 3, 2007

PINS Date: Public Review Start: Oct 24, 2003 Approval Date: Jul 1, 2004

PINS Date: Public Review Start: Jan 15, 1999 Approval Date: Apr 4, 2000

PINS Date: Public Review Start: Jun 19, 2009 Approval Date: Jan 28, 2010

PINS Date: Public Review Start: Jun 19, 2009 Approval Date: Jan 28, 2010
<table>
<thead>
<tr>
<th>Standard Code</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:
Public Review Start: Aug 12, 2011
Approval Date: Nov 2, 2011

PINS Date:
Public Review Start: Aug 12, 2011
Approval Date: Nov 2, 2011

PINS Date:
Public Review Start: Aug 12, 2011
Approval Date: Nov 2, 2011

PINS Date:
Public Review Start: Feb 13, 2015
Approval Date: Jan 28, 2016

PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

PINS Date:
Public Review Start: Sep 16, 2011
Approval Date: Jan 26, 2012

PINS Date:
Public Review Start: Jan 3, 2014
Approval Date: Jul 10, 2014

PINS Date:
Public Review Start: Mar 28, 2014
Approval Date: Aug 7, 2014

PINS Date:
Public Review Start: Feb 7, 2014
Approval Date: Jul 31, 2014

PINS Date:
Public Review Start: Jul 26, 2013
Approval Date: Jul 10, 2013

PINS Date:
Public Review Start: Jul 26, 2013
Approval Date: Jul 10, 2014

PINS Date:
Public Review Start: Jul 26, 2013
Approval Date: Jul 10, 2014
ANSI/ASHRAE/USGBC/IES Addendum 189.1aq-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date: Public Review Start: Sep 6, 2013
Approval Date: Aug 7, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1as-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date: Public Review Start: Sep 6, 2013
Approval Date: Jul 31, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1at-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date: Public Review Start: Sep 6, 2013
Approval Date: Jul 10, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1au-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date: Public Review Start: Sep 6, 2013
Approval Date: Jul 10, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1av-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date: Public Review Start: Oct 4, 2013
Approval Date: Jul 10, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1aw-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date: Public Review Start: Oct 4, 2013
Approval Date: Jul 10, 2014
<table>
<thead>
<tr>
<th>Addendum Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASHRAE/USGBC/IES Addendum 189.1bs-2014,
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 10, 2014
ANSI/ASHRAE/USGBC/IES Addendum 189.1by-2015,
PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Jul 2, 2015

ANSI/ASHRAE/USGBC/IES Addendum 189.1bt-2014,
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 10, 2014
ANSI/ASHRAE/USGBC/IES Addendum 189.1bz-2014,
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 10, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1bu-2014,
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 10, 2014
ANSI/ASHRAE/USGBC/IES Addendum 189.1c-2012,
PINS Date: Public Review Start: Mar 23, 2012 Approval Date: Jun 28, 2012

ANSI/ASHRAE/USGBC/IES Addendum 189.1bv-2014,
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Aug 7, 2014
ANSI/ASHRAE/USGBC/IES Addendum 189.1cb-2014,
PINS Date: Public Review Start: Apr 4, 2014 Approval Date: Jul 10, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1bw-2014,
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Jul 10, 2014
ANSI/ASHRAE/USGBC/IES Addendum 189.1cd-2014,
PINS Date: Public Review Start: May 2, 2014 Approval Date: Aug 7, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1bx-2014,
PINS Date: Public Review Start: Mar 28, 2014 Approval Date: Aug 26, 2014
ANSI/ASHRAE/USGBC/IES Addendum 189.1ce-2015,
PINS Date: Public Review Start: Jul 25, 2014 Approval Date: Jul 28, 2015
ANSI/ASHRAE/USGBC/IES Addendum 189.1m-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Public Review Start: Sep 14, 2012
Approval Date: Jan 23, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1r-2011,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)
PINS Date:
Public Review Start: Jun 10, 2011
Approval Date: Nov 2, 2011

ANSI/ASHRAE/USGBC/IES Addendum 189.1o-2011,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)
PINS Date:
Public Review Start: May 6, 2011
Approval Date: Jun 30, 2011

ANSI/ASHRAE/USGBC/IES Addendum 189.1r-2013,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Approval Date: Jul 1, 2013

ANSI/ASHRAE/USGBC/IES Addendum 189.1o-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Public Review Start: Sep 14, 2012
Approval Date: Jan 23, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1s-2013,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Public Review Start: Sep 14, 2012
Approval Date: Jan 30, 2013

ANSI/ASHRAE/USGBC/IES Addendum 189.1p-2011,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)
PINS Date:
Public Review Start: Jun 10, 2011
Approval Date: Nov 2, 2011

ANSI/ASHRAE/USGBC/IES Addendum 189.1v-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Public Review Start: Sep 6, 2013
Approval Date: Jul 31, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1q-2011,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)
PINS Date:
Public Review Start: Jun 10, 2011
Approval Date: Nov 2, 2011

ANSI/ASHRAE/USGBC/IES Addendum 189.1w-2014,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Public Review Start: Feb 7, 2014
Approval Date: Jul 10, 2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1q-2013,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Public Review Start: Sep 14, 2012
Approval Date: Jan 30, 2013

ANSI/ASHRAE/USGBC/IES Addendum 189.1z-2013,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)
PINS Date:
Approval Date: Jul 1, 2013
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date: Mar 29, 2013
- Approval Date: Jul 10, 2014

- PINS Date: Mar 29, 2013
- Approval Date: Jan 23, 2014

- PINS Date: Mar 29, 2013
- Approval Date: Jan 23, 2014

- PINS Date: Mar 29, 2013
- Approval Date: Jan 23, 2014

- PINS Date: Nov 30, 2012
- Approval Date: Jul 24, 2013

- PINS Date: Aug 12, 2011
- Approval Date: Feb 28, 2013

- PINS Date: Mar 5, 2010
- Approval Date: Jul 1, 2010

- PINS Date: May 19, 2006
- Public Review Start: Sep 18, 2009
- Approval Date: Jan 22, 2010

- PINS Date: Feb 9, 2018
- Approval Date: Jun 27, 2019

- PINS Date: Feb 9, 2018
- Approval Date: Jun 27, 2019

ANSI/ASHRAEd 34F-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)
- PINS Date: Jul 14, 2017
- Approval Date: Oct 10, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASRHAE/ICC/USGBC/IES Addendum n to
ANSI/ASRHAE/ICC/USGBC/IES Standard 189.1-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Nov 4, 2019

ANSI/ASRHAE/ICC/USGBC/IES Addendum r to
ANSI/ASRHAE/ICC/USGBC/IES Standard 189.1-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Dec 12, 2019

ANSI/ASRHAE/ICC/USGBC/IES Addendum u to
ANSI/ASRHAE/ICC/USGBC/IES Standard 189.1-2017,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Mar 8, 2019
Approval Date: Mar 2, 2020

ANSI/ASRHAE/ICC/USGBC/IES Addendum x to
ANSI/ASRHAE/ICC/USGBC/IES Standard 189.1-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Mar 8, 2019
Approval Date: Aug 26, 2019

ANSI/ASRHAE/ICC/USGBC/IES Addendum y to
ANSI/ASRHAE/ICC/USGBC/IES Standard 189.1-2017,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Aug 30, 2019
Approval Date: Nov 4, 2019

ANSI/ASRHAE/USGBC/IES/ICC Addendum 189.1e-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Feb 9, 2018
Approval Date: Jun 27, 2019

ANSI/ASRHAE/USGBC/IES/ICC Addendum 189.1g-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Jul 6, 2018
Approval Date: Jun 27, 2019

ANSI/ASRHAE/USGBC/IES/ICC Addendum 189.1h-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Jul 6, 2018
Approval Date: Jun 27, 2019

ANSI/ASRHAE/USGBC/IES/ICC Addendum 189.1i-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Jul 24, 2019

ANSI/ASRHAE/USGBC/IES/ICC Addendum 189.1l-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Jun 27, 2019

ANSI/ASRHAE/USGBC/IES/ICC Addendum v to
ANSI/ASRHAE/USGBC/IES/ICC Standard 189.1-2019,
Standard for the Design of High-Performance Green
Buildings Except Low-Rise Residential Buildings (addenda
PINS Date:
Public Review Start: Mar 8, 2019
Approval Date: Jul 1, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ASIS (ASIS International )
www.asisonline.org

**ANSI ASIS PSC.1-2012 (R2017)**, Management System for Quality of Private Security Company Operations - Requirements with Guidance (reaffirmation of ANSI ASIS PSC.1-2012)
PINS Date:  
Public Review Start:  Apr 14, 2017  
Approval Date:  Sep 1, 2017

**ANSI/ASIS CSO.1-2013**, Chief Security Officer (CSO) - An Organizational Model (revision of ANSI/ASIS CSO.1-2008)
PINS Date:  Jul 27, 2012  
Approval Date:  Nov 8, 2013

**ANSI/ASIS INV.1-2015**, Investigations (new standard)
PINS Date:  Nov 2, 2012  
Public Review Start:  Jun 5, 2015  
Approval Date:  Jul 28, 2015

PINS Date:  Oct 9, 2015  
Approval Date:  Mar 20, 2017

PINS Date:  Apr 4, 2008  
Public Review Start:  Nov 18, 2011  
Approval Date:  Feb 24, 2012

PINS Date:  Sep 7, 2018  
Public Review Start:  Mar 1, 2019  
Approval Date:  May 23, 2019

**ANSI/ASIS SA-2020**, Security Awareness (new standard)
PINS Date:  Apr 1, 2016  
Public Review Start:  Apr 10, 2020  
Approval Date:  Jun 11, 2020

PINS Date:  Dec 2, 2011  
Public Review Start:  Jan 3, 2014  
Approval Date:  Mar 28, 2014

PINS Date:  May 25, 2018  
Public Review Start:  Mar 13, 2020  
Approval Date:  May 7, 2020

PINS Date:  Aug 1, 2008  
Public Review Start:  May 22, 2015  
Approval Date:  Aug 3, 2015

ASME (American Society of Mechanical Engineers )
www.asme.org

**ANSI B94.21-1968 (R2019)**, Gear Shaper Cutters (reaffirmation of ANSI B94.21-1968 (R2014))
PINS Date:  
Public Review Start:  Mar 22, 2019  
Approval Date:  May 23, 2019

**ANSI CSA B44.1/ASME A17.5-2019**, Elevator and Escalator Electrical Equipment (revision of ANSI CSA B44.1/ASME A17.5-2014)
PINS Date:  Aug 3, 2018  
Public Review Start:  Nov 9, 2018  
Approval Date:  Feb 15, 2019
PINS Date: Apr 2, 2010
Public Review Start: Feb 12, 2016
Approval Date: Apr 19, 2016

PINS Date: Sep 22, 2006
Public Review Start: Jun 5, 2009
Approval Date: Aug 11, 2009

PINS Date: Public Review Start: Jul 21, 2017
Approval Date: Oct 5, 2017

ANSI/ASME A112.1.2-2012 (R2017), *Air Gaps in Plumbing Systems for Plumbing Fixtures and Water-Connected Receptors* (reaffirmation of ANSI/ASME A112.1.2-2012)
PINS Date: Public Review Start: Feb 17, 2017
Approval Date: May 4, 2017

PINS Date: Public Review Start: Sep 20, 2019
Approval Date: Dec 2, 2019

PINS Date: Public Review Start: Feb 17, 2017
Approval Date: May 4, 2017

PINS Date: Jun 19, 2015
Public Review Start: Jul 28, 2017
Approval Date: Jan 10, 2018

PINS Date: Public Review Start: Feb 17, 2017
Approval Date: May 4, 2017

PINS Date: Public Review Start: Sep 20, 2019
Approval Date: Dec 2, 2019

PINS Date: Public Review Start: Mar 23, 2018
Approval Date: Jun 22, 2018

PINS Date: Dec 12, 2014
Public Review Start: Apr 17, 2015
Approval Date: Jun 19, 2015

PINS Date: Public Review Start: Sep 20, 2019
Approval Date: Dec 2, 2019

PINS Date: Public Review Start: Feb 21, 2020
Approval Date: Apr 23, 2020
ANSI/ASME A112.18.3-2002 (R2017), Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings (reaffirmation of ANSI/ASME A112.18.3-2002 (R2012))
PINS Date:   Public Review Start:   Feb 17, 2017 Approval Date:   May 4, 2017

ANSI/ASME A112.18.6/CSA B125.6-2017, Flexible Water Connectors (revision of ANSI/ASME A112.18.6/CSA B125.6-2009 (R2014))
PINS Date:   Mar 9, 2012 Public Review Start:   Apr 14, 2017 Approval Date:   Jun 19, 2017

PINS Date:   Mar 8, 2019 Public Review Start:   Mar 27, 2020 Approval Date:   Jun 8, 2020

ANSI/ASME A112.18.9-2011 (R2017), Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures (reaffirmation of ANSI/ASME A112.18.9-2011)
PINS Date:   Public Review Start:   Nov 11, 2016 Approval Date:   Feb 24, 2017

PINS Date:   Public Review Start:   Mar 23, 2018 Approval Date:   Jun 22, 2018

PINS Date:   Mar 2, 2012 Public Review Start:   Mar 31, 2017 Approval Date:   Jun 19, 2017

PINS Date:   Public Review Start:   Dec 21, 2018 Approval Date:   Feb 27, 2019

PINS Date:   Public Review Start:   Feb 23, 2018 Approval Date:   May 8, 2018

PINS Date:   Public Review Start:   Feb 17, 2017 Approval Date:   May 4, 2017

PINS Date:   Public Review Start:   Feb 23, 2018 Approval Date:   May 8, 2018

PINS Date:   Jan 29, 2016 Public Review Start:   Jun 24, 2016 Approval Date:   Aug 31, 2016

PINS Date:   Public Review Start:   Apr 6, 2018 Approval Date:   Jun 15, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASME A112.19.3-2017/CSA B45.4-2017, Stainless Steel Plumbing Fixtures (revision of ANSI/ASME A112.19.3-2008/CSA B45.4-2008 (R2013))
PINS Date: 
Public Review Start: Dec 30, 2016
Approval Date: Mar 10, 2017

PINS Date: 
Public Review Start: Mar 10, 2017
Approval Date: May 23, 2017

PINS Date: 
Public Review Start: Dec 27, 2019
Approval Date: Mar 5, 2020

PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: May 4, 2017

ANSI/ASME A112.3.1-2007 (R2017), Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications, Above and Below Ground (reaffirmation of ANSI/ASME A112.3.1-2007 (R2012))
PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: May 4, 2017

ANSI/ASME A112.3.4-2013/CSA B45.9-2018, Macerating Toilet Systems and Wastr-Plumbing Systems for Plumbing Fixtures (revision of ANSI/ASME A112.3.4-2013/CSA B45.9-2013)
PINS Date: Oct 13, 2017
Public Review Start: Mar 23, 2018
Approval Date: May 31, 2018

ANSI/ASME A112.36.2M-2008 (R2017), Cleanouts (reaffirmation of ANSI/ASME A112.36.2M-2008 (R2012))
PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: May 4, 2017

ANSI/ASME A112.4.1-2014 (R2019), Water Heater Relief Valve Drain Tubes (reaffirmation of ANSI/ASME A112.4.1-2014)
PINS Date: 
Public Review Start: Dec 21, 2018
Approval Date: Feb 27, 2019

PINS Date: Nov 28, 2014
Public Review Start: Mar 31, 2017
Approval Date: Jun 1, 2017

ANSI/ASME A112.4.2/CSA B45.16-2015 (R2020), Personal Hygiene Devices for Water Closets (reaffirmation of ANSI/ASME A112.4.2/CSA B45.16-2015)
PINS Date: 
Public Review Start: Mar 13, 2020
Approval Date: May 15, 2020

ANSI/ASME A112.4.3-1999 (R2019), Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System (reaffirmation of ANSI/ASME A112.4.3-1999 (R2015))
PINS Date: 
Public Review Start: Sep 20, 2019
Approval Date: Dec 2, 2019

ANSI/ASME A112.4.4-2017, Plastic Push-Fit Drain, Waste and Vent (DWV) Fittings (new standard)
PINS Date: Aug 19, 2016
Public Review Start: Mar 31, 2017
Approval Date: May 25, 2017

PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: May 4, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASME A112.6.2-2017, Framing Affixed Supports (Carriers) for Off-the-Floor Plumbing Fixtures (new standard)
PINS Date: Sep 27, 1996
Public Review Start: May 8, 1998
Approval Date: Nov 1, 2017

ANSI/ASME A112.6.3-2019, Floor and Trench Drains (revision of ANSI/ASME A112.6.3-2016)
PINS Date: Jul 28, 2017
Public Review Start: Aug 17, 2018
Approval Date: Jan 31, 2019

ANSI/ASME A112.6.4-2003 (R2012), Roof, Deck, and Balcony Drains (reaffirmation of ANSI/ASME A112.6.4-2003 (R2008))
PINS Date: 
Approval Date: Dec 17, 2012

ANSI/ASME A112.6.7-2010 (R2015), Sanitary Floor Sinks (reaffirmation of ANSI/ASME A112.6.7-2010)
PINS Date: 
Public Review Start: Jan 2, 2015
Approval Date: Mar 13, 2015

ANSI/ASME A112.6.7-2010 (R2019), Sanitary Floor Sinks (reaffirmation of ANSI/ASME A112.6.7-2010 (R2015))
PINS Date: 
Public Review Start: Sep 20, 2019
Approval Date: Dec 2, 2019

ANSI/ASME A112.6.9-2005 (R2019), Siphonic Roof Drains (reaffirmation of ANSI/ASME A112.6.9-2005 (R2015))
PINS Date: 
Public Review Start: Sep 20, 2019
Approval Date: Dec 2, 2019

ANSI/ASME A120.1-2014, Safety Requirements for Powered Platforms and Traveling Ladders and Gantry for Building Maintenance (revision of ANSI/ASME A120.1-2008)
PINS Date: 
Public Review Start: Dec 31, 2010
Approval Date: Mar 4, 2014

PINS Date: 
Public Review Start: Feb 27, 2015
Approval Date: Oct 30, 2015

PINS Date: 
Public Review Start: Nov 9, 2018
Approval Date: Oct 8, 2019

PINS Date: 
Public Review Start: Jun 16, 2017
Approval Date: Oct 25, 2017

PINS Date: 
Public Review Start: Sep 29, 2017
Approval Date: Dec 12, 2017

PINS Date: 
Public Review Start: Feb 7, 2020
Approval Date: Jun 12, 2020

PINS Date: Sep 21, 2012
Public Review Start: Jun 13, 2014
Approval Date: Jan 8, 2015
ANSI/ASME A17.6-2017, Standard for Elevator Suspension, Compensation and Governor Systems (revision of ANSI/ASME A17.6-2010)
PINS Date: Apr 7, 2017
Public Review Start: Jul 14, 2017
Approval Date: Sep 29, 2017

ANSI/ASME A17.7/CSA B44.7-2006 (R2012), Performance Based Safety Code for Elevators and Escalators (reaffirmation of ANSI/ASME A17.7/CSA B44.7 -2006)
PINS Date: Dec 9, 2011
Public Review Start: May 4, 2012
Approval Date: Jul 17, 2012

ANSI/ASME A17.8-2016/CSA B44.8-2016, Standard for Wind Turbine Elevators (new standard)
PINS Date: Oct 25, 2013
Public Review Start: Oct 9, 2015
Approval Date: Jan 8, 2016

PINS Date:
Public Review Start: Mar 31, 2017
Approval Date: Aug 3, 2017

PINS Date:
Public Review Start: Dec 20, 2013
Approval Date: Jan 13, 2015

ANSI/ASME AED-1-2018, Aerospace and Advanced Engineering Drawings (new standard)
PINS Date:
Public Review Start: May 25, 2018
Approval Date: Sep 25, 2018

PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: May 22, 2017

PINS Date:
Public Review Start: Apr 12, 2019
Approval Date: Aug 8, 2019

ANSI/ASME ANDE-1-2015, ASME Nondestructive Examination and Quality Control Central Qualification and Certification Program (new standard)
PINS Date:
Public Review Start: Nov 28, 2014
Approval Date: Apr 22, 2015

PINS Date:
Public Review Start: Jul 26, 2019
Approval Date: Aug 26, 2019

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: May 23, 2019

PINS Date:
Approval Date: Jun 9, 2016

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Jun 15, 2018

PINS Date:
Public Review Start: Jan 24, 2020
Approval Date: Mar 26, 2020
PINS Date:
Public Review Start: Apr 1, 2016
Approval Date: Jun 17, 2016

PINS Date:
Public Review Start: Feb 17, 2017
Approval Date: Apr 25, 2017

PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Dec 7, 2018

PINS Date:
Public Review Start: May 25, 2018
Approval Date: Sep 6, 2018

PINS Date:
Public Review Start: Apr 12, 2019
Approval Date: Jun 18, 2019

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Jun 15, 2018

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Jun 15, 2018

PINS Date:
Public Review Start: Apr 1, 2016
Approval Date: Jun 17, 2016

ANSI/ASME B1.25-2019, Measurement Uncertainty Factors in the Calibration of Screw Thread Gages (new standard)
PINS Date: Sep 22, 2017
Public Review Start: Feb 8, 2019
Approval Date: Mar 15, 2019

PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 28, 2017

PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 28, 2017

PINS Date:
Public Review Start: Mar 28, 2014
Approval Date: Jun 2, 2014

PINS Date:
Approval Date: Jun 9, 2016

PINS Date:
Approval Date: Jun 9, 2016
ANSI/ASME B1.9-1973 (R2017), Buttress Inch Screw Threads (7 deg./45 deg. Form with 0.6 Pitch Basic Height of Thread Engagement) (reaffirmation of ANSI/ASME B1.9-1973 (R2007))

PINS Date:
Public Review Start:       Feb 17, 2017
Approval Date:           Apr 18, 2017

ANSI/ASME B107.100-2020, Flat Wrenches (revision of ANSI/ASME B107.100-2010)

PINS Date:       Nov 14, 2014
Public Review Start:   Sep 6, 2019
Approval Date:    Jan 21, 2020


PINS Date:    Oct 27, 2017
Public Review Start:   Jun 21, 2019
Approval Date:    Aug 29, 2019


PINS Date:    Jul 26, 2019
Public Review Start:   Jan 17, 2020
Approval Date:    Feb 24, 2020


PINS Date:    Sep 27, 2013
Public Review Start:   Dec 18, 2015
Approval Date:    Mar 9, 2016


PINS Date:    Jul 22, 2016
Public Review Start:   Feb 15, 2019
Approval Date:    Apr 23, 2019

ANSI/ASME B107.400-2018, Striking Tools (new standard)

PINS Date:    Jan 26, 2018
Public Review Start:   May 25, 2018
Approval Date:    Sep 20, 2018


PINS Date:    Feb 16, 2018
Public Review Start:   Sep 7, 2018
Approval Date:    Nov 9, 2018


PINS Date:    Jul 26, 2013
Public Review Start:   Aug 30, 2019
Approval Date:    Jan 21, 2020

ANSI/ASME B107.56-2018, Body Repair Tools (new standard)

PINS Date:    Jan 26, 2018
Public Review Start:   Apr 27, 2018
Approval Date:    Jul 20, 2018


PINS Date:    Oct 25, 2013
Public Review Start:   Apr 1, 2016
Approval Date:    Jun 29, 2016

ANSI/ASME B133.8-2011 (R2017), Gas Turbine Installation Sound Emissions (reaffirmation of ANSI/ASME B133.8-2011)

PINS Date:
Public Review Start:    Sep 30, 2016
Approval Date:  Jan 3, 2017


PINS Date:
Public Review Start:    Mar 27, 2015
Approval Date:    Jul 29, 2015


PINS Date:    Jun 27, 2014
Approval Date:    Apr 25, 2017

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Aug 5, 2016</td>
<td>Public Review Start:</td>
<td>Jun 15, 2018</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 21, 2016</td>
<td>Approval Date:</td>
<td>Aug 3, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jul 29, 2019</td>
<td>Approval Date:</td>
<td>Oct 21, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Aug 3, 2018</td>
<td>Approval Date:</td>
<td>Sep 23, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Aug 3, 2018</td>
<td>Approval Date:</td>
<td>Sep 7, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Sep 8, 2017</td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 24, 2017</td>
<td>Public Review Start:</td>
<td>Jun 15, 2018</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 16, 2018</td>
<td>Approval Date:</td>
<td>Aug 3, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 11, 2017</td>
<td>Approval Date:</td>
<td>Sep 7, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 11, 2016</td>
<td>Approval Date:</td>
<td>Sep 26, 2016</td>
</tr>
</tbody>
</table>
ANSI/ASME B16.33-2012 (R2017), Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 PSI (sizes NPS 1/2 through NPS 2) (reaffirmation of ANSI/ASME B16.33-2012)

PINS Date:  
Public Review Start:  Sep 15, 2017  
Approval Date:  Nov 17, 2017


PINS Date:  
Approval Date:  Mar 9, 2017

ANSI/ASME B16.36-2015, Orifice Flanges (revision of ANSI/ASME B16.36-2009)

PINS Date:  
Approval Date:  Feb 24, 2015


PINS Date:  
Public Review Start:  Sep 15, 2017  
Approval Date:  Nov 17, 2017


PINS Date:  
Public Review Start:  Oct 11, 2019  
Approval Date:  Dec 23, 2019

ANSI/ASME B16.4-2016, Gray Iron Threaded Fittings Classes 125 and 250 (revision of ANSI/ASME B16.4-2011)

PINS Date:  
Public Review Start:  Jun 3, 2016  
Approval Date:  Sep 23, 2016


PINS Date:  
Public Review Start:  Aug 24, 2018  
Approval Date:  Jan 15, 2019


PINS Date:  
Public Review Start:  Jun 3, 2016  
Approval Date:  Nov 7, 2016


PINS Date:  
Public Review Start:  Sep 15, 2017  
Approval Date:  Nov 17, 2017


PINS Date:  
Approval Date:  Mar 6, 2017


PINS Date:  
Public Review Start:  Jul 24, 2015  
Approval Date:  Sep 18, 2015


PINS Date:  
Public Review Start:  Jun 30, 2017  
Approval Date:  Sep 7, 2017


PINS Date:  
Approval Date:  Feb 14, 2017


PINS Date:  
Public Review Start:  May 18, 2018  
Approval Date:  Jul 27, 2018
PINS Date: Public Review Start: Jun 15, 2018 Approval Date: Sep 6, 2018

PINS Date: Oct 28, 2016 Public Review Start: Dec 1, 2017 Approval Date: Mar 29, 2018

PINS Date: Jun 30, 2017 Public Review Start: Nov 24, 2017 Approval Date: Sep 25, 2018

PINS Date: Public Review Start: Jul 21, 2017 Approval Date: Oct 5, 2017

PINS Date: Public Review Start: May 6, 2016 Approval Date: Aug 11, 2016

ANSI/ASME B18.1.2-1972 (R2016), Large Rivets (reaffirmation of ANSI/ASME B18.1.2-1972 (R2011))
PINS Date: Public Review Start: May 6, 2016 Approval Date: Aug 11, 2016

PINS Date: Public Review Start: May 6, 2016 Approval Date: Aug 11, 2016

PINS Date: Public Review Start: May 6, 2016 Approval Date: Aug 11, 2016

ANSI/ASME B18.11-1961 (R2017), Miniature Screws (reaffirmation of ANSI B18.11-1961 (R2010))
PINS Date: Public Review Start: Jan 6, 2017 Approval Date: Mar 21, 2017

PINS Date: Mar 10, 2017 Public Review Start: Oct 11, 2019 Approval Date: Jan 6, 2020

PINS Date: Public Review Start: Nov 11, 2016 Approval Date: Jan 3, 2017

PINS Date: Public Review Start: Sep 9, 2016 Approval Date: Nov 16, 2016

PINS Date: Apr 25, 2014 Public Review Start: Mar 6, 2015 Approval Date: Jun 1, 2015

ANSI/ASME B18.16.4-2008 (R2017), Serrated Hex Flange Locknuts 90,000 PSI (Inch Series) (reaffirmation of ANSI/ASME B18.16.4-2008 (R2013))
PINS Date: Public Review Start: Jul 21, 2017 Approval Date: Oct 5, 2017
ANSI/ASME B18.16.6-2017, Prevailing Torque Locknuts (Inch Series) (revision of ANSI/ASME B18.16.6-2014)
PINS Date: Jul 24, 2015
Public Review Start: Mar 24, 2017
Approval Date: Jun 1, 2017

ANSI/ASME B18.16M-2004 (R2016), Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts (reaffirmation of ANSI/ASME B18.16M-2004 (R2009))
PINS Date: Sep 9, 2016
Public Review Start: Nov 16, 2016

PINS Date: Aug 5, 2016
Public Review Start: Nov 4, 2016
Approval Date: Apr 6, 2017

ANSI/ASME B18.2.1-2012, Square and Hex Bolts and Screws - Inch (revision of ANSI/ASME B18.2.1-2010)
PINS Date: May 4, 2012
Public Review Start: Sep 21, 2012
Approval Date: Dec 22, 2012

ANSI/ASME B18.2.2-2015, Nuts for General Applications: Machine Screw Nuts, Hex, Square, Hex Flange, and Coupling Nuts (Inch Series) (revision of ANSI/ASME B18.2.2-2010)
PINS Date: Oct 5, 2012
Public Review Start: May 22, 2015
Approval Date: Aug 12, 2015

ANSI/ASME B18.2.3.5M-1979 (R2016), Metric Hex Bolts (reaffirmation of ANSI/ASME B18.2.3.5M-1979 (R2011))
PINS Date: Sep 9, 2016
Public Review Start: Nov 16, 2016

ANSI/ASME B18.2.3.9M-2001 (R2020), Metric Heavy Hex Flange Screws (reaffirmation of ANSI/ASME B18.2.3.9M-2001 (R2014))
PINS Date: Dec 13, 2019
Approval Date: Feb 24, 2020

ANSI/ASME B18.2.4.3M-1979 (R2017), Metric Slotted Hex Nuts (reaffirmation of ANSI/ASME B18.2.4.3M-1979 (R2012))
PINS Date: Mar 21, 2017

ANSI/ASME B18.2.5M-2013 (R2017), Metric Flanged 12-Point Head Screws (reaffirmation of ANSI/ASME B18.2.5M-2013)
PINS Date: Jul 21, 2017
Approval Date: Oct 5, 2017

ANSI/ASME B18.2.6-2019, Fasteners for Use in Structural Applications (revision, redesignation and consolidation of ANSI/ASME B18.2.6-2010, ANSI/ASME B18.2.6 (Supplement)-2010)
PINS Date: Jul 4, 2014
Public Review Start: Oct 19, 2018
Approval Date: Feb 27, 2019

ANSI/ASME B18.2.6M-2012, Metric Fasteners for Use In Structural Applications (revision and redesignation of ANSI/ASME B18.2.3.7M-1979 (R2006), ANSI/ASME B18.2.4.6M-2010)
PINS Date: Jun 25, 2010
Approval Date: Feb 9, 2012

ANSI/ASME B18.2.8-1999 (R2017), Clearance Holes for Bolts, Screws, and Studs (reaffirmation of ANSI/ASME B18.2.8-1999 (R2010))
PINS Date: Mar 21, 2017

ANSI/ASME B18.2.9-2010 (R2017), Straightness Gage and Gaging for Bolts and Screws (reaffirmation of ANSI/ASME B18.2.9-2010)
PINS Date: Mar 21, 2017
PINS Date: Public Review Start: Sep 9, 2016 Approval Date: Nov 16, 2016

ANSI/ASME B18.21.3-2008 (R2017), Double Coil Helical Spring Lock Washers for Wood Structures (reaffirmation of ANSI/ASME B18.21.3-2008 (R2013))
PINS Date: Public Review Start: Jul 21, 2017 Approval Date: Oct 5, 2017

PINS Date: Public Review Start: Jan 6, 2017 Approval Date: Mar 21, 2017

PINS Date: Sep 6, 2013 Public Review Start: Mar 6, 2015 Approval Date: Jun 1, 2015

PINS Date: Public Review Start: Jan 6, 2017 Approval Date: Mar 21, 2017

PINS Date: Public Review Start: Jan 6, 2017 Approval Date: Mar 24, 2017

ANSI/ASME B18.29.2M-2005 (R2017), Helical Coil Screw Thread Inserts - Free Running and Screw Locking (Metric Series) (reaffirmation of ANSI/ASME B18.29.2M-2005 (R2010))
PINS Date: Public Review Start: Jan 6, 2017 Approval Date: Mar 24, 2017

ANSI/ASME B18.3-2012 (R2017), Socket Cap, Shoulder, Set Screws, and Hex Keys (Inch Series) (reaffirmation of ANSI/ASME B18.3-2012)
PINS Date: Public Review Start: Jul 21, 2017 Approval Date: Oct 5, 2017

ANSI/ASME B18.3.1M-2008 (R2016), Metric Continuous and Double End Studs (reaffirmation of ANSI/ASME B18.3.1M-2008)
PINS Date: Public Review Start: Dec 18, 2015 Approval Date: Mar 9, 2016

PINS Date: Public Review Start: Aug 16, 2019 Approval Date: Nov 12, 2019

ANSI/ASME B18.31.3-2014 (R2019), Threaded Rod (Inch Series) (reaffirmation of ANSI/ASME B18.31.3-2014)
PINS Date: Public Review Start: Aug 16, 2019 Approval Date: Nov 12, 2019

PINS Date: Public Review Start: Dec 2, 2016 Approval Date: Feb 14, 2017

ANSI/ASME B18.31.5-2011 (R2016), Bent Bolts (Inch Series) (reaffirmation of ANSI/ASME B18.31.5-2011)
PINS Date: Public Review Start: Sep 9, 2016 Approval Date: Nov 16, 2016
ANSI/ASME B18.5-2012 (R2017), Round Head Bolts (Inch Series) (reaffirmation of ANSI/ASME B18.5-2012)
PINS Date:
Public Review Start: May 12, 2017
Approval Date: Jul 21, 2017

PINS Date:
Public Review Start: Jul 29, 2016
Approval Date: Oct 11, 2016

ANSI/ASME B18.6.2-1998 (R2010), Slotted Head Cap Screws, Square Head Set Screws And Slotted Headless Set Screws (reaffirmation of ANSI/ASME B18.6.2-1998 (R2005))
PINS Date:
Public Review Start: Mar 5, 2010
Approval Date: Jul 26, 2010

ANSI/ASME B18.6.3-2013 (R2017), Machine Screws, Tapping Screws, and Metallic Drive Screws (Inch Series) (reaffirmation of ANSI/ASME B18.6.3-2013)
PINS Date:
Public Review Start: Jul 21, 2017
Approval Date: Oct 5, 2017

ANSI/ASME B18.6.8-2010 (R2017), Thumb Screws and Wing Screws (Inch Series) (reaffirmation of ANSI/ASME B18.6.8-2010)
PINS Date:
Public Review Start: Jan 6, 2017
Approval Date: Mar 21, 2017

ANSI/ASME B18.6.9-2010 (R2017), Wing Nuts (Inch Series) (reaffirmation of ANSI/ASME B18.6.9-2010)
PINS Date:
Public Review Start: Jan 6, 2017
Approval Date: Mar 21, 2017

PINS Date:
Public Review Start: Mar 24, 2017
Approval Date: May 25, 2017

PINS Date:
Public Review Start: Mar 24, 2017
Approval Date: May 25, 2017

PINS Date:
Public Review Start: Aug 16, 2019
Approval Date: Nov 12, 2019

PINS Date: Jul 14, 2017
Public Review Start: Feb 7, 2020
Approval Date: Apr 16, 2020

ANSI/ASME B18.9-2012 (R2017), Plow Bolts (reaffirmation of ANSI/ASME B18.9-2012)
PINS Date:
Public Review Start: Mar 24, 2017
Approval Date: May 25, 2017

PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Jun 22, 2018

ANSI/ASME B27.6-1972 (R2017), General Purpose Uniform Cross Section Spiral Retaining Rings (reaffirmation of ANSI B27.6-1972 (R2011))
PINS Date:
Public Review Start: Jan 6, 2017
Approval Date: Mar 24, 2017

ANSI/ASME B27.7-1977 (R2017), General Purpose Tapered and Reduced Cross Section Retaining Rings (Metric) (reaffirmation of ANSI B27.7M-1977 (R2011))
PINS Date:
Public Review Start: Jan 6, 2017
Approval Date: Mar 24, 2017
PINS Date: Public Review Start: Aug 5, 2016 Approval Date: Oct 17, 2016

PINS Date: Public Review Start: Aug 5, 2016 Approval Date: Oct 17, 2016

PINS Date: Public Review Start: Mar 29, 2019 Approval Date: Jun 11, 2019

PINS Date: Public Review Start: Jul 20, 2018 Approval Date: Nov 1, 2018

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Jan 30, 2017

PINS Date: Public Review Start: Jul 20, 2018 Approval Date: Nov 1, 2018

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Jan 30, 2017

ANSI/ASME B29.21-2013 (R2018), 700 Class Chains, Attachments and Sprocket Teeth for Water and Sewage Treatment Plants (reaffirmation of ANSI/ASME B29.21-2013)
PINS Date: Public Review Start: Apr 13, 2018 Approval Date: Jun 29, 2018

PINS Date: Public Review Start: Jul 29, 2016 Approval Date: Oct 11, 2016

PINS Date: Public Review Start: Jul 29, 2016 Approval Date: Oct 12, 2016

ANSI/ASME B29.26-2013, Fatigue Testing Power Transmission Roller Chain (new standard)
PINS Date: May 18, 2007 Public Review Start: Jul 26, 2007 Approval Date: Oct 3, 2013

PINS Date: Public Review Start: Jan 22, 2016 Approval Date: Mar 31, 2016
<table>
<thead>
<tr>
<th>ANSI/ASME Standard Number</th>
<th>Description</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start Date</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:  
Public Review Start: Aug 11, 2017  
Approval Date: Apr 24, 2018

PINS Date:  
Public Review Start: Dec 7, 2018  
Approval Date: Oct 29, 2019

PINS Date:  
Approval Date: Apr 26, 2016

PINS Date:  
Public Review Start: Aug 12, 2016  
Approval Date: Nov 7, 2016

PINS Date:  
Public Review Start: Apr 13, 2018  
Approval Date: Aug 21, 2018

PINS Date:  
Public Review Start: Feb 23, 2018  
Approval Date: Jun 8, 2018

PINS Date:  
Public Review Start: Apr 3, 2015  
Approval Date: Aug 6, 2015

PINS Date:  
Public Review Start: Apr 26, 2019  
Approval Date: Nov 20, 2019

PINS Date:  
Public Review Start: Jul 31, 2015  
Approval Date: Jun 12, 2020

PINS Date:  
Public Review Start: Jan 17, 2020  
Approval Date: Jun 12, 2020

PINS Date:  
Public Review Start: Sep 22, 2017  
Approval Date: Jan 17, 2018

ANSI/ASME B30.3-2016, Tower Cranes (revision of ANSI/ASME B30.3-2012)
PINS Date:  
Public Review Start: Nov 13, 2015  
Approval Date: Feb 3, 2016

ANSI/ASME B30.3-2019, Tower Cranes (revision of ANSI/ASME B30.3-2016)
PINS Date:  
Public Review Start: Feb 1, 2019  
Approval Date: Dec 11, 2019

ANSI/ASME B30.30-2019, Ropes (new standard)
PINS Date:  
Public Review Start: Apr 6, 2018  
Approval Date: Jan 29, 2019

ANSI/ASME B30.4-2015, Portal and Pedestal Cranes (revision of ANSI/ASME B30.4-2010)
PINS Date:  
Public Review Start: Feb 20, 2015  
Approval Date: May 19, 2015
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Revision of</th>
<th>PINS Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASME B30.5-2018</td>
<td>Mobile and Locomotive Cranes</td>
<td>(revision of ANSI/ASME B30.5-2014)</td>
<td></td>
<td>Sep 15, 2017</td>
<td>Jun 12, 2018</td>
</tr>
<tr>
<td>ANSI/ASME B31.3-2018</td>
<td>Process Piping</td>
<td>(revision of ANSI/ASME B31.3-2016)</td>
<td></td>
<td>Apr 20, 2018</td>
<td>Aug 8, 2018</td>
</tr>
<tr>
<td>ANSI/ASME B31.4-2019</td>
<td>Pipeline Transportation Systems for Liquids and Slurries</td>
<td>(revision of ANSI/ASME B31.4-2016)</td>
<td></td>
<td>Apr 19, 2019</td>
<td>Jul 18, 2019</td>
</tr>
</tbody>
</table>
ANSI/ASME B31.8S-2018, Managing System Integrity of Gas Pipelines (revision of ANSI/ASME B31.8S-2016)
PINS Date: Public Review Start: May 4, 2018 Approval Date: Jul 2, 2018

ANSI/ASME B31.9-2017, Building Services Piping (revision of ANSI/ASME B31.9-2014)
PINS Date: Public Review Start: May 12, 2017 Approval Date: Oct 31, 2017

PINS Date: Public Review Start: Mar 26, 2010 Approval Date: May 13, 2010


PINS Date: Public Review Start: Sep 16, 2016 Approval Date: Sep 12, 2017

PINS Date: Public Review Start: Sep 23, 2016 Approval Date: Jan 11, 2017

PINS Date: Aug 12, 2016 Public Review Start: Sep 8, 2017 Approval Date: Nov 15, 2017

ANSI/ASME B31Q-2018, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2016)
PINS Date: Public Review Start: May 18, 2018 Approval Date: Aug 30, 2018

PINS Date: Jul 13, 2018 Public Review Start: Aug 24, 2018 Approval Date: Dec 6, 2018

ANSI/ASME B32.100-2016, Preferred Metric Sizes for Flat, Round, Square, Rectangle, and Hexagon Metal Products (revision of ANSI/ASME B32.100-2005 (R2011))
PINS Date: Jan 1, 2016 Public Review Start: Apr 8, 2016 Approval Date: Jun 29, 2016

PINS Date: Dec 8, 2017 Public Review Start: May 11, 2018 Approval Date: Sep 6, 2018

PINS Date: Dec 8, 2017 Public Review Start: Mar 30, 2018 Approval Date: Aug 13, 2018

PINS Date: Public Review Start: Mar 13, 2009 Approval Date: May 20, 2009

ANSI/ASME B4.2-1978 (R2009), Preferred Metric Limits And Fits (reaffirmation of ANSI/ASME B4.2-1978 (R2004))
PINS Date: Public Review Start: Mar 13, 2009 Approval Date: May 20, 2009
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/ASME B5.54-2010 (R2015), Methods for Performance Evaluation of Computer Numerically Controlled Machining Centers (reaffirmation of ANSI/ASME B5.54M-2005 (R2010))
PINS Date:  
Public Review Start:  Mar 27, 2015  
Approval Date:  Jun 9, 2015

PINS Date:  
Public Review Start:  Apr 6, 2018  
Approval Date:  Aug 21, 2018

PINS Date:  
Public Review Start:  Mar 22, 2019  
Approval Date:  May 23, 2019

ANSI/ASME B5.57-2012 (R2017), Methods for Performance Evaluation of Computer Numerically Controlled Lathes and Turning Centers (reaffirmation of ANSI/ASME B5.57-2012)
PINS Date:  
Public Review Start:  Oct 6, 2017  
Approval Date:  Dec 14, 2017

ANSI/ASME B5.60-2014 (R2019), Workholding Chucks: Jaw Type Chucks (reaffirmation of ANSI/ASME B5.60-2014)
PINS Date:  
Public Review Start:  Apr 19, 2019  
Approval Date:  Jun 28, 2019

PINS Date:  
Public Review Start:  Mar 22, 2019  
Approval Date:  May 23, 2019

ANSI/ASME B5.62-2016, Hollow Taper Tooling with Flange-Face Contact (new standard)
PINS Date:  Jul 10, 2009  
Public Review Start:  Jun 17, 2016  
Approval Date:  Aug 22, 2016

ANSI/ASME B5.8-2001 (R2016), Chucks and Chuck Jaws (reaffirmation of ANSI/ASME B5.8-2001 (R2011))
PINS Date:  
Public Review Start:  Jul 29, 2016  
Approval Date:  Oct 11, 2016

PINS Date:  
Public Review Start:  Jan 4, 2019  
Approval Date:  Mar 22, 2019

PINS Date:  May 26, 2017  
Public Review Start:  Jan 17, 2020  
Approval Date:  Mar 19, 2020

ANSI/ASME B73.2-2016, Specification for Vertical In-Line Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.2-2003 (R2008))
PINS Date:  Sep 21, 2012  
Approval Date:  Nov 16, 2016

ANSI/ASME B73.3-2015, Specification for Sealless Horizontal End Suction Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.3-2003 (R2008))
PINS Date:  
Public Review Start:  Sep 18, 2015  
Approval Date:  Oct 30, 2015

ANSI/ASME B89.1.10M-2001 (R2016), Dial Indicators (for Linear Measurement) (reaffirmation of ANSI/ASME B89.1.10M-2001 (R2011))
PINS Date:  
Approval Date:  Nov 22, 2016
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Mar 11, 2011</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 20, 2013</td>
<td>Approval Date: Nov 29, 2012</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/ASME B89.1.14-2018, Calipers (new standard)</th>
<th>ANSI/ASME B89.3.4-2010 (R2019), Axes of Rotation: Methods for Specifying and Testing (reaffirmation of ANSI/ASME B89.3.4-2010 (R2015))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Aug 20, 2004</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Dec 8, 2017</td>
<td>Public Review Start: May 31, 2019</td>
</tr>
<tr>
<td>Approval Date: Feb 27, 2018</td>
<td>Approval Date: Aug 1, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/ASME B89.1.17-2001 (R2017), Measurement of Thread Measuring Wires (reaffirmation of ANSI/ASME B89.1.17-2001 (R2007))</th>
<th>ANSI/ASME B89.3.7-2013 (R2018), Granite Surface Plates (reaffirmation of ANSI/ASME B89.3.7-2013)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Jun 8, 2012</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Jun 16, 2017</td>
<td>Public Review Start: Apr 27, 2018</td>
</tr>
<tr>
<td>Approval Date: Aug 21, 2017</td>
<td>Approval Date: Jul 20, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Aug 1, 2019</td>
<td>Approval Date: Aug 26, 2011</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Oct 11, 2017</td>
<td>Approval Date: Feb 11, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Nov 30, 2018</td>
<td>Public Review Start: Nov 30, 2018</td>
</tr>
<tr>
<td>Approval Date: Feb 27, 2019</td>
<td>Approval Date: Mar 8, 2019</td>
</tr>
</tbody>
</table>
ANSI/ASME B89.6.2-1973 (R2017), Temperature and Humidity Environment for Dimensional Measurement (reaffirmation of ANSI/ASME B89.6.2-1973 (R2012))
PINS Date: Public Review Start: May 5, 2017 Approval Date: Jul 11, 2017

ANSI/ASME B89.7.2-2014 (R2019), Dimensional Measurement Planning (reaffirmation of ANSI/ASME B89.7.2-2014)
PINS Date: Public Review Start: May 31, 2019 Approval Date: Aug 1, 2019

ANSI/ASME B89.7.3.1-2001 (R2019), Guidelines For Decision Rules: Considering Measurement Uncertainty in Determining Conformance to Specifications (reaffirmation of ANSI/ASME B89.7.3.1-2001 (R2011))
PINS Date: Public Review Start: May 31, 2019 Approval Date: Aug 1, 2019

ANSI/ASME B89.7.3.3-2002 (R2017), Guidelines for Assessing the Reliability of Dimensional Measurement Uncertainty Statements (reaffirmation of ANSI/ASME B89.7.3.3-2002 (R2012))
PINS Date: Public Review Start: Mar 31, 2017 Approval Date: Jun 8, 2017

ANSI/ASME B89.7.6-2019, Guidelines for the Evaluation of Uncertainty of Test Values Associated with the Verification of Dimensional Measuring Instruments to their Accuracy Specifications (new standard)
PINS Date: Public Review Start: Sep 15, 2017 Approval Date: Oct 31, 2019

PINS Date: Public Review Start: Mar 22, 2019 Approval Date: May 23, 2019

ANSI/ASME B94.2-1995 (R2015), Reamers (reaffirmation of ANSI/ASME B94.2-1995 (R2010))
PINS Date: Public Review Start: Jan 16, 2015 Approval Date: Mar 30, 2015

ANSI/ASME B94.33-1996 (S2016), Jig Bushings (stabilized maintenance of ANSI/ASME B94.33-1996 (R2015))
PINS Date: Public Review Start: Jan 8, 2016 Approval Date: May 18, 2016

ANSI/ASME B94.33.1-1997 (S2016), Jig Bushings, Metric (stabilized maintenance of ANSI/ASME B94.33.1-1997 (R2015))
PINS Date: Public Review Start: Feb 5, 2016 Approval Date: Jun 29, 2016

ANSI/ASME B94.35-1972 (R2015), Drill Drivers, Split-Sleeve, Collet Type (reaffirmation of ANSI/ASME B94.35-1972 (R2010))
PINS Date: Public Review Start: Jan 16, 2015 Approval Date: Mar 27, 2015

ANSI/ASME B94.49-1975 (R2010), Spade Drill Blades and Spade Drill Holders (reaffirmation of ANSI/ASME B94.49-1975 (R2005))
PINS Date: Public Review Start: Feb 19, 2010 Approval Date: Aug 3, 2010

ANSI/ASME B94.51M-2010 (S2016), Specifications for Band Saw Blades (Metal Cutting) (stabilized maintenance of ANSI/ASME B94.51M-2010 (R2015))
PINS Date: Public Review Start: Feb 5, 2016 Approval Date: May 18, 2016

ANSI/ASME B94.52M-1999 (S2016), Specifications for Hacksaw Blades (stabilized maintenance of ANSI/ASME B94.52M-1999 (R2015))
PINS Date: Public Review Start: Feb 5, 2016 Approval Date: May 18, 2016
<table>
<thead>
<tr>
<th>ANSI/ASME Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASME B94.6-1984 (S2016), Knurling</td>
<td>(stabilized maintenance of ANSI/ASME B94.6-1984 (R2014))</td>
<td>Public Review Start: Dec 18, 2015</td>
<td>Approval Date: May 18, 2016</td>
<td></td>
</tr>
<tr>
<td>ANSI/ASME B94.9-2008 (R2018), Taps: Ground and Cut Threads with Cut Thread Appendix (Inch and Metric Sizes)</td>
<td>(reaffirmation of ANSI/ASME B94.9-2008 (R2013))</td>
<td>Public Review Start: Apr 20, 2018</td>
<td>Approval Date: Jul 13, 2018</td>
<td></td>
</tr>
</tbody>
</table>

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
PINS Date: 
Public Review Start: Dec 21, 2018
Approval Date: Apr 25, 2019

PINS Date: 
Public Review Start: Dec 2, 2016
Approval Date: Apr 11, 2017

PINS Date: 
Public Review Start: Dec 21, 2018
Approval Date: Apr 25, 2019

PINS Date: 
Public Review Start: Dec 16, 2016
Approval Date: Apr 11, 2017

PINS Date: 
Public Review Start: Feb 8, 2019
Approval Date: Apr 25, 2019

PINS Date: 
Public Review Start: Dec 16, 2016
Approval Date: Apr 11, 2017

PINS Date: 
Public Review Start: Jan 25, 2019
Approval Date: Apr 25, 2019

ANSI/ASME BPVC Section VI-2017, Recommended Rules for the Care and Operation of Heating Boilers (revision of ANSI/ASME BPVC Section VI-2015)
PINS Date: 
Public Review Start: Dec 2, 2016
Approval Date: Apr 11, 2017

ANSI/ASME BPVC Section VI-2019, Recommended Rules for the Care and Operation of Heating Boilers (revision of ANSI/ASME BPVC Section VI-2017)
PINS Date: 
Public Review Start: Dec 21, 2018
Approval Date: Apr 25, 2019

ANSI/ASME BPVC Section VII-2019, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2017)
PINS Date: 
Public Review Start: Dec 21, 2018
Approval Date: Apr 25, 2019

PINS Date: 
Public Review Start: Jan 18, 2019
Approval Date: Apr 25, 2019

PINS Date: 
Public Review Start: Dec 16, 2016
Approval Date: Apr 11, 2017

PINS Date: 
Public Review Start: Dec 21, 2018
Approval Date: Apr 25, 2019

PINS Date: 
Public Review Start: Jan 18, 2019
Approval Date: Apr 25, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASME BPVC Section XII-2017, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Section XII-2015)
PINS Date: Public Review Start: Dec 23, 2016 Approval Date: Apr 11, 2017

ANSI/ASME BPVC Section XII-2019, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Section XII-2017)
PINS Date: Public Review Start: Dec 21, 2018 Approval Date: Apr 25, 2019

PINS Date: Public Review Start: Aug 26, 2016 Approval Date: Jan 6, 2017

PINS Date: Public Review Start: Jan 26, 2018 Approval Date: Aug 23, 2018

PINS Date: Public Review Start: Aug 23, 2019 Approval Date: Nov 15, 2019

PINS Date: Public Review Start: Mar 20, 2015 Approval Date: Jun 16, 2015

PINS Date: Public Review Start: Aug 23, 2019 Approval Date: Nov 15, 2019

ANSI/ASME EA-4-2010 (R2015), Energy Assessment for Compressed Air Systems (reaffirmation of ANSI/ASME EA-4-2010)
PINS Date: Public Review Start: Mar 20, 2015 Approval Date: Jun 16, 2015

PINS Date: Jul 8, 2011 Public Review Start: Jan 22, 2016 Approval Date: Apr 12, 2016

PINS Date: Aug 9, 2013 Public Review Start: Sep 1, 2017 Approval Date: Nov 17, 2017

PINS Date: Jul 3, 2015 Public Review Start: Aug 3, 2018 Approval Date: Oct 30, 2018

PINS Date: Nov 2, 2012 Public Review Start: Sep 30, 2016 Approval Date: Jan 6, 2017

ANSI/ASME HST-4-2016, Performance Standard for Overhead Electric Wire Rope Hoists (revision of ANSI/ASME HST-4-1999 (R2010))
PINS Date: Aug 9, 2013 Public Review Start: Nov 13, 2015 Approval Date: Jan 26, 2016

ANSI/ASME HST-5-2020, Performance Standard for Air Chain Hoists (revision of ANSI/ASME HST-5-2014)
PINS Date: Jul 3, 2015 Public Review Start: Jan 31, 2020 Approval Date: Apr 2, 2020
ANSI/ASME HST-6-2015, Performance Standard for Air Wire Rope Hoists (revision of ANSI/ASME HST-6-1999 (R2010))
PINS Date: Aug 9, 2013
Public Review Start: Oct 9, 2015
Approval Date: Dec 14, 2015

PINS Date:
Public Review Start: Mar 13, 2020
Approval Date: May 15, 2020

PINS Date: Apr 20, 2012
Public Review Start: May 23, 2014
Approval Date: Aug 1, 2014

PINS Date:
Public Review Start: Feb 25, 2011
Approval Date: Jun 8, 2011

PINS Date:
Public Review Start: Jan 31, 2014
Approval Date: Apr 15, 2014

PINS Date:
Public Review Start: Jan 31, 2014
Approval Date: Apr 15, 2014

PINS Date:
Public Review Start: Feb 9, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Jan 4, 2019
Approval Date: Mar 14, 2019

PINS Date:
Public Review Start: Jul 8, 2016
Approval Date: Sep 23, 2016

PINS Date:
Public Review Start: Jul 20, 2018
Approval Date: Sep 25, 2018

PINS Date:
Public Review Start: Jan 31, 2014
Approval Date: Apr 15, 2014

PINS Date:
Public Review Start: Jul 20, 2018
Approval Date: Sep 25, 2018

PINS Date:
Public Review Start: May 24, 2013
Approval Date: Aug 12, 2013
PINS Date: Public Review Start: Feb 24, 2017 Approval Date: May 11, 2017

PINS Date: Public Review Start: Jun 24, 2016 Approval Date: Sep 23, 2016

PINS Date: Public Review Start: Jul 6, 2018 Approval Date: Sep 20, 2018

ANSI/ASME MFC-5.3-2013 (R2018), Measurement of Liquid Flow in Closed Conduits Using Doppler Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5.3-2013)
PINS Date: Public Review Start: Mar 30, 2018 Approval Date: Jul 20, 2018

PINS Date: Public Review Start: Mar 30, 2018 Approval Date: Jul 18, 2018

PINS Date: Jan 9, 2015 Public Review Start: Oct 9, 2015 Approval Date: Jan 6, 2016

PINS Date: Public Review Start: Jul 8, 2016 Approval Date: Oct 11, 2016

PINS Date: Public Review Start: Mar 11, 2011 Approval Date: Jun 8, 2011

PINS Date: Mar 24, 2017 Public Review Start: May 12, 2017 Approval Date: Nov 1, 2017

PINS Date: Jan 11, 2013 Public Review Start: Jun 15, 2018 Approval Date: Aug 13, 2018

ANSI/ASME NM-3-2018, Nonmetallic Materials (new standard)
PINS Date: Jan 25, 2013 Public Review Start: Jul 6, 2018 Approval Date: Aug 16, 2018

ANSI/ASME NM.1-2018, Thermoplastic Piping Systems (new standard)
PINS Date: Dec 14, 2012 Public Review Start: May 18, 2018 Approval Date: Jul 27, 2018

ANSI/ASME NML-1-2019, Rules for the Movement of Loads using Overhead Handling Equipment in Nuclear Facilities (new standard)
PINS Date: Jul 2, 2010 Public Review Start: Mar 1, 2019 Approval Date: Jun 5, 2019
Approved American National Standards

PINS Date: Public Review Start: Jul 25, 2014
Approval Date: Jan 8, 2015

PINS Date: Public Review Start: Sep 1, 2017
Approval Date: Dec 6, 2017

PINS Date: Public Review Start: Apr 12, 2019
Approval Date: Sep 4, 2019

ANSI/ASME NUM-1-2016, Rules for Construction of Cranes, Monorails, and Hoists (with Bridge or Trolley or Hoist of the Underhung Type) (revision of ANSI/ASME NUM-1-2009)
PINS Date: Public Review Start: Dec 25, 2015
Approval Date: Jun 16, 2016

PINS Date: Public Review Start: May 7, 2004
Approval Date: Jul 23, 2004

PINS Date: Public Review Start: May 6, 2005
Approval Date: Jul 8, 2005

PINS Date: Public Review Start: May 5, 2006
Approval Date: Jul 6, 2006

PINS Date: Mar 25, 2016
Public Review Start: Dec 14, 2018
Approval Date: May 3, 2019

PINS Date: Public Review Start: Nov 9, 2018
Approval Date: Mar 25, 2019

ANSI/ASME PCC-1-2019, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2013)
PINS Date: Dec 2, 2016
Public Review Start: Oct 5, 2018
Approval Date: Jan 17, 2019

PINS Date: Public Review Start: Feb 16, 2018
Approval Date: Aug 8, 2018

PINS Date: Jun 17, 2016
Public Review Start: Dec 16, 2016
Approval Date: May 11, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>Date of Approval</th>
<th>Date of Public Review Start</th>
<th>Date of PINS Date</th>
</tr>
</thead>
</table>
PINS Date: Public Review Start: Apr 27, 2018
Approval Date: Sep 20, 2018

PINS Date: Public Review Start: May 18, 2018
Approval Date: Aug 3, 2018

ANSI/ASME PTC 19.2-2010 (R2020), Pressure Measurement (reaffirmation of ANSI/ASME PTC 19.2-2010 (R2015))
PINS Date: Public Review Start: Feb 14, 2020
Approval Date: Apr 23, 2020

PINS Date: Public Review Start: May 5, 2017
Approval Date: Jul 12, 2017

ANSI/ASME PTC 19.3TW-2016, Thermowells (revision of ANSI/ASME PTC 19.3TW-2010)
PINS Date: Mar 13, 2015
Public Review Start: Nov 20, 2015
Approval Date: Jan 5, 2016

PINS Date: Public Review Start: Nov 30, 2012
Approval Date: Feb 19, 2013

ANSI/ASME PTC 19.6-2018, Electrical Power Measurements (new standard)
PINS Date: Feb 14, 2003
Public Review Start: Dec 8, 2017
Approval Date: Feb 27, 2018

PINS Date: Public Review Start: Dec 20, 2013
Approval Date: Mar 11, 2014

PINS Date: Nov 27, 2009
Public Review Start: Mar 28, 2014
Approval Date: Jun 9, 2014

PINS Date: Public Review Start: Dec 20, 2013
Approval Date: Mar 11, 2014

PINS Date: Nov 14, 2014
Public Review Start: Jul 13, 2018
Approval Date: Oct 24, 2018

ANSI/ASME PTC 29-2005 (R2015), Speed Governing Systems for Hydraulic Turbine Generator Units (reaffirmation of ANSI/ASME PTC 29-2005 (R2010))
PINS Date: Public Review Start: May 1, 2015
Approval Date: Jul 6, 2015

PINS Date: Public Review Start: Dec 25, 2015
Approval Date: Mar 9, 2016

PINS Date: Public Review Start: Dec 20, 2019
Approval Date: Feb 24, 2020
ANSI/ASME PTC 31-2011 (R2017), *High-Purity Water Treatment System* (reaffirmation of ANSI/ASME PTC 31-2011)
PINS Date:  Oct 21, 2016
Approval Date:  Jan 24, 2017

PINS Date:  Oct 7, 2011
Approval Date:  Jan 6, 2017

PINS Date:  Oct 24, 2014
Public Review Start:  Jan 19, 2018
Approval Date:  May 15, 2018

PINS Date:  Dec 27, 2019
Public Review Start:  Dec 27, 2019
Approval Date:  Mar 5, 2020

ANSI/ASME PTC 4-2013, *Fired Steam Generators* (revision of ANSI/ASME PTC 4-2008)
PINS Date:  Aug 13, 2010
Public Review Start:  Jul 5, 2013
Approval Date:  Nov 21, 2013

PINS Date:  Jan 15, 2016
Public Review Start:  Jan 15, 2016
Approval Date:  Mar 24, 2016

PINS Date:  Oct 24, 2008
Approval Date:  Feb 14, 2017

PINS Date:  Mar 8, 2013
Public Review Start:  Mar 8, 2013
Approval Date:  May 28, 2013

PINS Date:  Jul 25, 2008
Public Review Start:  Mar 10, 2017
Approval Date:  May 23, 2017

PINS Date:  Nov 7, 2008
Public Review Start:  Apr 24, 2015
Approval Date:  Sep 25, 2015

PINS Date:  Apr 1, 2011
Public Review Start:  Apr 1, 2011
Approval Date:  Jun 17, 2011

ANSI/ASME PTC 47.1-2017, *Air Separation Unit* (new standard)
PINS Date:  Dec 26, 2008
Public Review Start:  Oct 6, 2017
Approval Date:  Dec 14, 2017

PINS Date:  Oct 20, 2006
Public Review Start:  May 3, 2019
Approval Date:  Jul 19, 2019

PINS Date:  Nov 14, 2014
Public Review Start:  Feb 20, 2015
Approval Date:  May 22, 2015
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Action</th>
<th>Date Range</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASME QEI-1-2018</td>
<td>Standard for the Qualification of Elevator Inspectors (revision of ANSI/ASME QEI-1-2013)</td>
<td></td>
<td></td>
<td>Public Review Start: Jun 9, 2017  &lt;br&gt;Approval Date: Jun 29, 2018</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANSI/ASME QME-1-2017, Qualification of Active Mechanical Equipment Used in Nuclear Power Plants (revision of ANSI/ASME QME-1-2012)
PINS Date: Dec 23, 2016
Approval Date: Mar 21, 2017

PINS Date: Dec 26, 2014
Approval Date: Mar 2, 2015

PINS Date: Dec 21, 2018
Approval Date: Nov 15, 2019

PINS Date: May 11, 2018
Approval Date: Feb 14, 2020

ANSI/ASME RAM-2-2016, Reliability, Availability, and Maintainability Program Development Process for Existing Power Plants (new standard)
PINS Date: Aug 22, 2014
Approval Date: Sep 23, 2016

PINS Date: Feb 28, 2020
Approval Date: May 8, 2020

PINS Date: Aug 16, 2013
Approval Date: Jan 28, 2014

PINS Date: Nov 10, 2017
Approval Date: Jul 26, 2019

PINS Date: Jul 23, 2010
Approval Date: Jul 27, 2018

ANSI/ASME STS-1-2017, Steel Stacks (revision of ANSI/ASME STS-1-2011)
PINS Date: Jul 23, 2010
Approval Date: Jul 27, 2018

PINS Date: Oct 28, 2011
Approval Date: Feb 5, 2013
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASME TDP-2-2012 (R2017), Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Nuclear Fueled Plants (reaffirmation of ANSI/ASME TDP-2-2012)
PINS Date: Mar 2, 2017
Approval Date: Mar 2, 2017

ANSI/ASME TES-1-2020, Safety Standards for Thermal Energy Storage Systems; Molten Salt (new standard)
PINS Date: Jul 3, 2015
Public Review Start: Sep 20, 2019
Approval Date: Mar 11, 2020

PINS Date: Jan 12, 2018
Public Review Start: May 3, 2019
Approval Date: Jul 23, 2019

PINS Date: Oct 3, 2008
Public Review Start: Dec 23, 2011
Approval Date: Mar 7, 2012

PINS Date: Jan 15, 2016
Public Review Start: May 4, 2016
Approval Date: May 4, 2016

ANSI/ASME V&V 40-2018, Standard for Verification and Validation in Computational Methods for Medical Devices (new standard)
PINS Date: Dec 11, 2009
Public Review Start: Nov 24, 2017
Approval Date: Aug 16, 2018

PINS Date: Jan 20, 2012
Approval Date: Dec 19, 2012

PINS Date: Mar 11, 2016
Public Review Start: Apr 14, 2017
Approval Date: Jun 22, 2017

PINS Date: Jan 20, 2012
Approval Date: Dec 19, 2012

PINS Date: Dec 6, 2019
Public Review Start: Feb 24, 2020
Approval Date: Feb 24, 2020

PINS Date: Dec 16, 2011
Approval Date: Nov 14, 2012

ANSI/ASME Y14.3-2012 (R2018), Orthographic and Pictorial Views (reaffirmation of ANSI/ASME Y14.3-2012)
PINS Date: Feb 9, 2018
Public Review Start: Apr 20, 2018
Approval Date: Apr 20, 2018

ANSI/ASME Y14.31-2014 (R2019), Undimensioned Drawings (reaffirmation of ANSI/ASME Y14.31-2014)
PINS Date: Feb 22, 2019
Public Review Start: May 3, 2019
Approval Date: May 3, 2019

PINS Date: Jun 15, 2018
Public Review Start: Aug 21, 2018
Approval Date: Aug 21, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Nov 23, 2018
Approval Date: Oct 7, 2019
ISO Adoption

ASNT (American Society for Nondestructive Testing)
www.asnt.org

PINS Date: May 31, 2013
Public Review Start: Feb 14, 2020
Approval Date: Mar 31, 2020

PINS Date: Mar 1, 2019
Public Review Start: Jun 14, 2019
Approval Date: Nov 7, 2019

PINS Date: Mar 16, 2012
Public Review Start: Dec 22, 2017
Approval Date: Mar 23, 2018
ISO Adoption

PINS Date: May 5, 2017
Public Review Start: Jun 23, 2017
Approval Date: Dec 12, 2017

ASPE (American Society of Plumbing Engineers)
www.aspe.org

PINS Date: May 31, 2013
Public Review Start: May 29, 2015
Approval Date: Aug 3, 2015

PINS Date: Sep 1, 2017
Public Review Start: Jan 11, 2019
Approval Date: Feb 22, 2019

PINS Date: Mar 16, 2012
Public Review Start: Dec 22, 2017
Approval Date: Mar 23, 2018
ISO Adoption

PINS Date: Feb 3, 2015

PINS Date: Jan 27, 2017
Public Review Start: Jul 28, 2017
Approval Date: Sep 25, 2017

PINS Date: Jan 27, 2017
Public Review Start: Jul 21, 2017
Approval Date: Oct 11, 2017
ANSI/ASQ ISO 19011-2018, Guidelines for auditing management systems  
PINS Date:  Feb 23, 2018  
Public Review Start: Apr 27, 2018  
Approval Date: Jun 26, 2018  
ISO Adoption

ANSI/ASQ Z1.4-2003 (R2018), Sampling procedures and tables for inspection by attributes  
(reaffirmation of ANSI/ASQ Z1.4-2003 (R2013))  
PINS Date:  
Public Review Start: Aug 17, 2018  
Approval Date: Oct 10, 2018

ANSI/ASQ Z1.9-2003 (R2018), Sampling procedures and tables for inspection by variables for percent nonconforming  
(reaffirmation of ANSI/ASQ Z1.9-2003 (R2013))  
PINS Date:  
Public Review Start: Aug 17, 2018  
Approval Date: Oct 10, 2018

ANSI/ASQ ISO 10006-2017, Quality management  
Guidelines for quality management in projects  
PINS Date: Jan 19, 2018  
Public Review Start: Mar 23, 2018  
Approval Date: May 24, 2018  
ISO Adoption

ANSI/ASQ ISO 14004-2016, Environmental management systems - General guidelines on implementation  
(identical national adoption of ISO 14004:2016)  
PINS Date:  
Public Review Start: Jun 10, 2016  
Approval Date: Aug 3, 2016  
ISO Adoption

(identical national adoption of ISO 16355-1:2015)  
PINS Date: Oct 14, 2016  
Public Review Start: Dec 16, 2016  
Approval Date: Apr 13, 2017  
ISO Adoption
<table>
<thead>
<tr>
<th>Standard Code</th>
<th>Title</th>
<th>Approval Details</th>
</tr>
</thead>
</table>
Approval Date: Sep 11, 2013  
ISO Adoption |
Public Review Start: Nov 14, 2014  
Approval Date: Jan 13, 2015  
ISO Adoption |
| ANSI/ASQ/ISO 9004-2018 | Quality management - Quality of an organization  
Guidance to achieve sustained success (identical national adoption of ISO 9004:2018 and revision of ANSI/ISO/ASQ Q9004-2009) | PINS Date: Jan 19, 2018  
Public Review Start: Mar 23, 2018  
Approval Date: May 24, 2018  
ISO Adoption |
| ANSI/ASQ/ISO Q10005-2005 | Quality Management  
Systems - Guidelines for Quality Plans (identical national adoption of ISO 10005:2005) | PINS Date: Jan 6, 2006  
Public Review Start: Mar 3, 2006  
Approval Date: May 25, 2006  
ISO Adoption |
| ANSI/ASQ/ISO Q10012-2003 | Measurement management systems - Requirements for measurement processes and measuring equipment (identical national adoption of ISO 10012:2003) | PINS Date: Jan 6, 2006  
Public Review Start: Mar 31, 2006  
Approval Date: May 25, 2006  
ISO Adoption |
Public Review Start: Mar 3, 2017  
Approval Date: Jul 6, 2017  
ISO Adoption |
Public Review Start: Jun 29, 2007  
Approval Date: Aug 17, 2007  
ISO Adoption |
| ANSI/ISO 21247-2007 | Combined accept-zero sampling systems and process control procedures for product acceptance (identical national adoption of ISO 21247:2005) | PINS Date: Apr 29, 2005  
Approval Date: Dec 4, 2007  
ISO Adoption |
Approval Date: Dec 3, 2007  
ISO Adoption |
Approval Date: Dec 3, 2007  
ISO Adoption |
| ANSI/ISO 3534-1-2006 | Statistics - Vocabulary and symbols - Part 1: General statistical terms and terms used in probability (identical national adoption of ISO 3534-1) | PINS Date: Apr 29, 2005  
Approval Date: Dec 3, 2007  
ISO Adoption |
Approval Date: Dec 3, 2007  
ISO Adoption |
ANSI/ISO/ASQ E14025-2006, Environmental labels and declarations - Type III environmental declarations - Principles and procedures (identical national adoption of ISO 14025)
PINS Date: Jun 9, 2006
Public Review Start: Jul 21, 2006
Approval Date: Sep 28, 2006
ISO Adoption

PINS Date: May 5, 2006
Public Review Start: Jun 30, 2006
Approval Date: Aug 16, 2006
ISO Adoption

PINS Date: May 5, 2006
Public Review Start: Jun 30, 2006
Approval Date: Aug 16, 2006
ISO Adoption

PINS Date: May 5, 2006
Public Review Start: Jun 30, 2006
Approval Date: Aug 16, 2006
ISO Adoption

PINS Date: Jun 9, 2006
Public Review Start: Jul 14, 2006
Approval Date: Aug 31, 2006
ISO Adoption

PINS Date: Feb 25, 2000
Public Review Start: Jun 2, 2000
Approval Date: Jan 25, 2001
ISO Adoption

PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014
ISO Adoption

PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014
ISO Adoption

PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014
ISO Adoption

PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014
ISO Adoption
PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014

PINS Date: Feb 13, 2015
Public Review Start: Jul 24, 2015
Approval Date: Sep 10, 2015

PINS Date: Mar 9, 2012
Public Review Start: Jul 4, 2014
Approval Date: Sep 8, 2014

PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014

ASQ/ANSI/ISO 14034-2016, Environmental management - Environmental technology verification (ETV) (identical national adoption of ISO 14034-2016)
PINS Date: Oct 14, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 23, 2017

PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014

PINS Date: Mar 9, 2012
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014

PINS Date: Mar 9, 2012
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014

PINS Date: Mar 9, 2012
Public Review Start: Jul 4, 2014
Approval Date: Aug 27, 2014

ASQ/ANSI/ISO 14065:2013, Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition (identical national adoption of ISO 14065:2013)
PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Sep 22, 2014

PINS Date: Mar 9, 2012
Public Review Start: Jul 4, 2014
Approval Date: Sep 22, 2014

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: May 16, 2014
Public Review Start: Jul 4, 2014
Approval Date: Sep 22, 2014
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Mar 9, 2012
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption
PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Mar 9, 2012
Public Review Start: Aug 17, 2012
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: May 1, 2015
Public Review Start: Jul 24, 2015
Approval Date: Sep 9, 2015
ISO Adoption

PINS Date: May 1, 2015
Public Review Start: Jul 24, 2015
Approval Date: Oct 21, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Mar 9, 2012
Public Review Start: Aug 17, 2012
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: May 1, 2015
Public Review Start: Jul 24, 2015
Approval Date: Sep 9, 2015
ISO Adoption

PINS Date: May 1, 2015
Public Review Start: Jul 24, 2015
Approval Date: Oct 21, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Mar 9, 2012
Public Review Start: Aug 17, 2012
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

PINS Date: May 1, 2015
Public Review Start: Jul 24, 2015
Approval Date: Sep 9, 2015
ISO Adoption

PINS Date: May 1, 2015
Public Review Start: Jul 24, 2015
Approval Date: Oct 21, 2015
ISO Adoption

PINS Date: Oct 3, 2014
Public Review Start: Nov 14, 2014
Approval Date: Jan 13, 2015
ISO Adoption

ASSP (ASC A10) (American Society of Safety Professionals)
www.assp.org

PINS Date:
Public Review Start: Mar 17, 2017
Approval Date: Jun 15, 2017

PINS Date:
Public Review Start: Apr 21, 2017
Approval Date: Jun 15, 2017

ANSI ASSE A10.21-2018, Safety Requirements for Safe Construction and Demolition of Wind Generation / Turbine Facilities. (new standard)
PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Apr 20, 2018

PINS Date:
Public Review Start: Mar 17, 2017
Approval Date: Jun 15, 2017

ANSI ASSE A10.9-2013 (R2018), Safety Requirements for Concrete and Masonry Work (reaffirmation of ANSI ASSE A10.9-2013)
PINS Date:
Public Review Start: Feb 16, 2018
Approval Date: May 3, 2018

ANSI/ASSE A10.1-2011 (R2017), Pre-Project & Pre-Task Safety and Health Planning (reaffirmation of ANSI/ASSE A10.1-2011)
PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Oct 6, 2017
ANSI/ASSE A10.10-2015, Safety Requirements for Temporary and Portable Space Heating Devices and Equipment (revision of ANSI/ASSE A10.10-2014)
PINS Date: May 22, 2015
Public Review Start: May 22, 2015
Approval Date: Nov 23, 2015

ANSI/ASSE A10.11-2016, Safety Requirements for Personnel Nets (revision of ANSI ASSE A10.11-2010)
PINS Date: Jul 22, 2016
Approval Date: Oct 11, 2016

PINS Date: Jul 29, 2016
Approval Date: Oct 5, 2016

PINS Date: Aug 4, 2017
Public Review Start: Aug 4, 2017
Approval Date: Oct 5, 2017

ANSI/ASSE A10.16-2009 (R2016), Safety Requirements for Tunnels, Shafts, and Caissons (reaffirmation of ANSI/ASSE A10.16-2009)
PINS Date: May 6, 2016
Public Review Start: Jul 29, 2016
Approval Date: Sep 26, 2016

PINS Date: Aug 11, 2017
Public Review Start: Aug 11, 2017
Approval Date: Oct 5, 2017

PINS Date: Mar 23, 2012
Approval Date: Jul 3, 2012

PINS Date: Jul 29, 2016
Public Review Start: Jul 29, 2016
Approval Date: Sep 26, 2016

PINS Date: Aug 4, 2017
Public Review Start: Aug 4, 2017
Approval Date: Oct 5, 2017

ANSI/ASSE A10.24-2014, Roofing - Safety Requirements for Low-Sloped Roofs (revision of ANSI/ASSE A10.24 -2006)
PINS Date: Jul 10, 2009
Public Review Start: Jun 6, 2014
Approval Date: Dec 3, 2014

PINS Date: Aug 29, 2014
Public Review Start: Mar 17, 2017
Approval Date: May 16, 2017

PINS Date: Jan 29, 2016
Public Review Start: Jan 29, 2016
Approval Date: May 3, 2016

ANSI/ASSE A10.3-2013, Safety Requirements for Powder-Actuated Fastening Systems (revision of ANSI/ASSE A10.3-2006)
PINS Date: Jul 31, 2009
Public Review Start: Mar 8, 2013
Approval Date: Sep 23, 2013

PINS Date: Apr 3, 2009
Public Review Start: Apr 6, 2012
Approval Date: Sep 12, 2012
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Sep 26, 2016</td>
<td>Approval Date: Oct 5, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jul 3, 2012</td>
<td>Approval Date: Aug 4, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Sep 26, 2016</td>
<td>Approval Date: Apr 23, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Mar 5, 2013</td>
<td>Approval Date: Aug 3, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Oct 5, 2017</td>
<td>Approval Date: Apr 15, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/ASSE A10.4-2016, Personnel Hoists &amp; Employee Elevators on Construction &amp; Demolition Sites (revision of ANSI/ASSE A10.4-2007)</th>
<th>ANSI/ASSE A10.5-2013, Safety Requirements for Material Hoists (revision of ANSI/ASSE A10.5-2006)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jan 6, 2016</td>
<td>Approval Date: Feb 28, 2013</td>
</tr>
</tbody>
</table>

| ANSI/ASSE A10.6-2006 (R2016), Safety & Health Program Requirements for Demolition Operations (reaffirmation of ANSI/ASSE A10.6-2006) | |
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Jun 15, 2018
Public Review Start: Feb 22, 2019
Approval Date: Apr 12, 2019

ANSI/ASSP A10.28-2018, Safety Requirements for Work Platforms Suspended from Cranes or Derricks (revision and redesignation of ANSI/ASSE A10.28-2011)
PINS Date: Sep 8, 2017
Public Review Start: Jun 1, 2018
Approval Date: Jul 27, 2018

ANSI/ASSP A10.31-2019, Safety Requirements, Definitions and Specifications for Digger Derricks (revision and redesignation of ANSI/ASSE A10.31-2013)
PINS Date: Nov 30, 2018
Public Review Start: Mar 8, 2019
Approval Date: May 14, 2019

PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Sep 27, 2018

ANSI/ASSP A10.44-2020, Control of Energy Sources (Lockout/Tagout) for Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.44-2014)
PINS Date: Feb 8, 2019
Public Review Start: Dec 27, 2019
Approval Date: Feb 13, 2020

PINS Date: Aug 24, 2018
Public Review Start: Sep 20, 2019
Approval Date: Jan 9, 2020

ANSI/ASSP A10.7-2018, Safety and Health Requirements for Construction and Demolition Use, Storage, Handling and Site Movement of Commercial Explosives and Blasting Agents (revision of ANSI/ASSP A10.7-2011)
PINS Date: Aug 11, 2017
Public Review Start: May 4, 2018
Approval Date: Jul 25, 2018

ANSI/ASSP A10.8-2019, Scaffolding Safety Requirements (revision and redesignation of ANSI ASSE A10.8-2011)
PINS Date: Oct 14, 2011
Public Review Start: Nov 23, 2018
Approval Date: Feb 7, 2019

ASSP (Safety) (American Society of Safety Professionals)
www.assp.org

ANSI ASSE Z117.1-2016, Safety Requirements for Entering Confined Spaces (revision of ANSI ASSE Z117.1-2009)
PINS Date: May 13, 2011
Public Review Start: May 27, 2016
Approval Date: Aug 4, 2016

ANSI ASSE Z359.15-2014, Safety Requirements for Single Anchor Vertical Lifelines & Fall Arrestors for Personal Fall Arrest Systems (new standard)
PINS Date: Jun 16, 2006
Public Review Start: Feb 14, 2014
Approval Date: Aug 25, 2014

ANSI ASSE Z359.16-2016, Safety Requirements for Climbing Ladder Fall Arrest Systems (new standard)
PINS Date: Aug 8, 2014
Public Review Start: Jun 17, 2016
Approval Date: Nov 2, 2016

ANSI ASSE Z359.6-2016, Specifications and Design Requirements for Active Fall Protection Systems (revision of ANSI ASSE Z359.6-2009)
PINS Date: Mar 7, 2014
Public Review Start: Sep 2, 2016
Approval Date: Dec 21, 2016
PINS Date: Oct 7, 2016
Approval Date: Feb 17, 2017

ANSI/AIHA Z9.5-2010, Laboratory Ventilation Standard (revision of ANSI/AIHA Z9.5-2002)
PINS Date: Oct 16, 2009
Public Review Start: Nov 20, 2009
Approval Date: Apr 26, 2012

ANSI/AIHA Z9.9-2010, Portable Ventilation Systems (new standard)
PINS Date: Dec 1, 2006
Public Review Start: Jun 8, 2007
Approval Date: Jun 21, 2010

ANSI/ASSE A1264.1-2017, Safety Requirements for Workplace Walking/Working Surfaces & Their Access; Workplace Floor, Wall & Roof Openings; Stairs & Guardrails Systems (revision of ANSI/ASSE A1264.1-2007)
PINS Date: Aug 7, 2009
Public Review Start: Sep 30, 2016
Approval Date: Jan 9, 2017

PINS Date: May 13, 2011
Public Review Start: Jul 13, 2012
Approval Date: Dec 19, 2012

PINS Date: Dec 7, 2012
Public Review Start: Mar 3, 2017
Approval Date: Apr 25, 2017

PINS Date: Apr 8, 2016
Public Review Start: May 13, 2016
Approval Date: Oct 13, 2016

ANSI/ASSE Z359.0-2012, Definitions and Nomenclature Used for Fall Protection and Fall Arrest (revision of ANSI/ASSE Z359.0-2009)
PINS Date: Nov 26, 2010
Public Review Start: Dec 9, 2011
Approval Date: Feb 23, 2012

PINS Date: May 28, 2010
Public Review Start: Apr 15, 2016
Approval Date: Aug 15, 2016

ANSI/ASSE Z359.11-2014, Safety Requirements for Full Body Harness (new standard)
PINS Date: Jun 16, 2006
Public Review Start: Apr 18, 2014
Approval Date: Aug 25, 2014

PINS Date: Nov 26, 2010
Approval Date: Mar 13, 2013

PINS Date: Nov 30, 2012
Public Review Start: Feb 14, 2014
Approval Date: Sep 17, 2014

ANSI/ASSE Z359.18-2017, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (new standard)
PINS Date: Jun 16, 2006
Public Review Start: Apr 7, 2017
Approval Date: Jun 2, 2017

ANSI/ASSE Z359.2-2017, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision of ANSI/ASSE Z359.2-2007)
PINS Date: May 28, 2010
Public Review Start: Sep 30, 2016
Approval Date: Jan 9, 2017
ANSI/ASSE Z359.4-2013, Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components (revision of ANSI/ASSE Z359.4-2007)
PINS Date: May 28, 2010
Public Review Start: Oct 5, 2012
Approval Date: Feb 28, 2013

PINS Date: Sep 26, 2014
Public Review Start: May 12, 2017
Approval Date: Jun 30, 2017

PINS Date: Feb 24, 2012
Approval Date: Dec 7, 2015

PINS Date: Sep 17, 2010
Public Review Start: Jul 6, 2012
Approval Date: Dec 20, 2012

ANSI/ASSE Z590.3-2011 (R2016), Prevention through Design: Guidelines for Addressing Occupational Risks in Design and Redesign Processes (reaffirmation of ANSI/ASSE Z590.3-2011)
PINS Date: Jul 24, 2015
Public Review Start: Sep 11, 2015
Approval Date: Dec 14, 2015

PINS Date: Aug 13, 2010
Public Review Start: Oct 1, 2010
Approval Date: Jan 11, 2011

PINS Date: Oct 8, 2010
Public Review Start: Jun 3, 2016
Approval Date: Jul 28, 2016

PINS Date: Aug 29, 2014
Public Review Start: Aug 21, 2015
Approval Date: Dec 23, 2015

PINS Date: Apr 14, 2017
Public Review Start: May 19, 2017
Approval Date: Aug 24, 2017

PINS Date: Oct 20, 2017
Public Review Start: Mar 8, 2019
Approval Date: Aug 22, 2019

PINS Date: Mar 7, 2014
Public Review Start: Mar 22, 2019
Approval Date: Jun 5, 2019

PINS Date: Feb 23, 2018
Public Review Start: Mar 1, 2019
Approval Date: Jun 28, 2019

ANSI/ASSP Z359.7-2019, Qualification and Verification Testing of Fall Protection Products (revision and redesignation of ANSI/ASSE Z359.7-2011)
PINS Date: Mar 7, 2014
Public Review Start: Oct 12, 2018
Approval Date: Apr 2, 2019
PINS Date: Mar 3, 2017
Public Review Start: Jun 28, 2019
Approval Date: Sep 9, 2019

PINS Date: Nov 30, 2018
Public Review Start: Feb 28, 2020
Approval Date: Mar 31, 2020

PINS Date: Mar 23, 2018
Public Review Start: May 4, 2018
Approval Date: Jul 2, 2018

PINS Date: Jul 6, 2018
Public Review Start: Sep 21, 2018
Approval Date: Dec 3, 2018

PINS Date: Mar 9, 2018
Public Review Start: May 18, 2018
Approval Date: Jul 20, 2018

ISO Adoption

PINS Date: Jan 19, 2018
Public Review Start: Mar 9, 2018
Approval Date: May 8, 2018

ISO Adoption

ASTM (ASTM International)
www.astm.org

ANSI/AIHA Z88.10-2010, Respirator Fit Testing Methods (revision and redesignation of ANSI Z88.10-2001)
PINS Date: Jul 28, 2006
Public Review Start: Sep 18, 2009
Approval Date: Dec 2, 2010

ANSI/AIHA Z88.7-2010, Color Coding of Air-Purifying Respirator Canisters, Cartridges, and Filters (revision of ANSI Z88.7-2001)
PINS Date: Sep 25, 2009
Public Review Start: Oct 23, 2009
Approval Date: Jun 14, 2010

PINS Date: Aug 29, 2014
Approval Date: Mar 4, 2015

ANSI/ASTM 3202-2019, Practice for Specimen Preparation and Mounting of Plastic Composites for Use as Deck Boards, Stair Treads, Guards or Handrails to Assess Surface Burning Characteristics (new standard)
PINS Date: Dec 22, 2017
Public Review Start: Jun 7, 2019
Approval Date: Sep 1, 2019

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

ISO JTC 1 Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Dec 18, 2015 Approval Date: Feb 2, 2016

PINS Date: Public Review Start: Dec 11, 2015 Approval Date: Jan 26, 2016

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Dec 11, 2015 Approval Date: Jan 26, 2016

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Dec 18, 2015 Approval Date: Feb 2, 2016

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

ANSI/ASTM C625-2015, Practice for Reporting Irradiation Results on Graphite (revision of ANSI/ASTM C625-2000 (R2010))
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

ANSI/ASTM C651-2015, Test Method for Flexural Strength of Manufactured Carbon and Graphite Articles Using Four-Point Loading at Room Temperature (revision of ANSI/ASTM C651-2013)
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Dec 11, 2015 Approval Date: Jan 26, 2016

PINS Date: Public Review Start: May 8, 2015 Approval Date: Jun 23, 2015
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Previous Revision</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Dec 7, 2018
Approval Date: Feb 1, 2019

PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Mar 6, 2015
Approval Date: Jul 1, 2015

PINS Date: Public Review Start: Mar 6, 2015
Approval Date: Jul 15, 2015

PINS Date: Public Review Start: Jun 12, 2015
Approval Date: Jul 28, 2015

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date: Public Review Start: May 6, 2016
Approval Date: Jun 21, 2016

PINS Date: Public Review Start: Jun 10, 2016
Approval Date: Aug 1, 2016

ANSI/ASTM D1655-2016b, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2016a)
PINS Date: Public Review Start: Jun 10, 2016
Approval Date: Sep 1, 2016

PINS Date: Public Review Start: Nov 4, 2016
Approval Date: Dec 20, 2016

PINS Date: Public Review Start: Apr 7, 2017
Approval Date: Aug 1, 2017

PINS Date: Public Review Start: Nov 10, 2017
Approval Date: Jan 1, 2018
ANSI/ASTM D1655-2018a, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2016b)
PINS Date: May 6, 2016
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date: May 6, 2016
Public Review Start: Feb 8, 2019
Approval Date: Mar 26, 2019

PINS Date: May 6, 2016
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date: May 6, 2016
Public Review Start: Oct 6, 2017
Approval Date: Nov 21, 2017

PINS Date: May 6, 2016
Approval Date: Nov 22, 2016

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date: May 6, 2016
Public Review Start: Mar 31, 2017
Approval Date: May 16, 2017

PINS Date: May 6, 2016
Public Review Start: May 2, 2014
Approval Date: Jun 17, 2014

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: May 6, 2016
Public Review Start: Jul 7, 2017
Approval Date: Aug 22, 2017

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Description</td>
<td>Date of Approval</td>
<td>Date of Public Review Start</td>
<td>Date of PINS Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>------------------</td>
<td>----------------------------</td>
<td>------------------</td>
</tr>
</tbody>
</table>

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

ANSI/ASTM D3138-2016, Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components (new standard)

PINS Date: October 7, 2016
Approval Date: December 18, 2016


PINS Date: November 2, 2018
Public Review Start: Dec 18, 2018
Approval Date: November 19, 2019


PINS Date: October 4, 2019
Public Review Start: Nov 19, 2019
Approval Date: November 19, 2019


PINS Date: March 9, 2018
Public Review Start: Feb 1, 2020
Approval Date: February 1, 2020


PINS Date: May 8, 2015
Public Review Start: June 23, 2015
Approval Date: Jun 23, 2015


PINS Date: March 6, 2015
Public Review Start: Jul 1, 2015
Approval Date: July 1, 2015


PINS Date: March 6, 2015
Public Review Start: Feb 1, 2016
Approval Date: February 1, 2016


PINS Date: June 10, 2016
Public Review Start: July 26, 2016
Approval Date: July 26, 2016


PINS Date: April 7, 2017
Public Review Start: September 1, 2017
Approval Date: September 1, 2017


PINS Date: April 7, 2017
Public Review Start: October 1, 2017
Approval Date: October 1, 2017


PINS Date: September 8, 2017
Public Review Start: February 15, 2018
Approval Date: February 15, 2018


PINS Date: June 1, 2018
Public Review Start: March 1, 2019
Approval Date: March 1, 2019
PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Aug 1, 2019

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Mar 1, 2020

ANSI/ASTM D3244-2016, Practice for Utilization of Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM D3244-2012a)
PINS Date: Public Review Start: May 6, 2016 Approval Date: Jun 21, 2016

ANSI/ASTM D3244-2018, Practice for Utilization of Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM D3244-2016)
PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Nov 22, 2016

PINS Date: Jan 22, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 30, 2017

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 22, 2017

PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 30, 2017

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Jun 1, 2017

PINS Date: Public Review Start: Apr 1, 2016 Approval Date: May 17, 2016

PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018
Approved American National Standards

ANSI/ASTM D4054-2016, Practice for Qualification and Approval of New Aviation Turbine Fuels and Fuel Additives (revision of ANSI/ASTM D4054-2014)
PINS Date: Mar 4, 2016
Approval Date: Apr 19, 2016

PINS Date: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date: Mar 28, 2017
Public Review Start: Feb 10, 2017

PINS Date: May 6, 2016
Approval Date: Jun 21, 2016

PINS Date: Nov 4, 2016
Approval Date: Dec 20, 2016

PINS Date: Apr 1, 2016
Approval Date: May 17, 2016

PINS Date: Oct 4, 2019
Approval Date: Nov 19, 2019

ANSI/ASTM D4306-2015, Practice for Aviation Fuel Sample Containers for Tests Affected by Trace Contamination (revision of ANSI/ASTM D4306-2013a)
PINS Date: Sep 4, 2015
Approval Date: Oct 20, 2015

ANSI/ASTM D4308-2013, Test Method for Electrical Conductivity of Liquid Hydrocarbons by Precision Meter (revision of ANSI/ASTM D4308-2012)
PINS Date: May 3, 2013
Approval Date: Jun 18, 2013

PINS Date: Apr 1, 2016
Public Review Start: May 13, 2016
Approval Date: Jun 28, 2016

PINS Date: Apr 1, 2016
Public Review Start: May 13, 2016
Approval Date: Jun 17, 2016

PINS Date: Nov 10, 2017
Approval Date: Dec 26, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Jul 6, 2018
Approval Date: Aug 21, 2018

PINS Date:
Public Review Start: Jul 4, 2014
Approval Date: Feb 1, 2015

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018

PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Sep 19, 2017

ANSI/ASTM D5006-2011 (R2016), Test Method for Measurement of Fuel System Icing Inhibitors (Ether Type) in Aviation Fuels (reaffirmation of ANSI/ASTM D5006-2011)
PINS Date:
Approval Date: Apr 19, 2016

PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Nov 15, 2019

PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Sep 19, 2017

PINS Date:
Public Review Start: May 11, 2012
Approval Date: Jun 26, 2012

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: May 23, 2017
PINS Date: Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Apr 5, 2019
Approval Date: May 12, 2019

PINS Date: Public Review Start: Dec 11, 2015
Approval Date: Jan 26, 2016

PINS Date: Public Review Start: Dec 2, 2016
Approval Date: Jan 17, 2017

PINS Date: Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Nov 15, 2017

PINS Date: Public Review Start: Sep 8, 2017
Approval Date: Dec 15, 2017

PINS Date: Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

ANSI/ASTM D6300-2015, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2014a)
PINS Date: Public Review Start: May 8, 2015
Approval Date: Jun 23, 2015

PINS Date: Public Review Start: Mar 4, 2016
Approval Date: Apr 19, 2016

ANSI/ASTM D6300-2016a, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2016)
PINS Date: Public Review Start: Jun 10, 2016
Approval Date: Jul 26, 2016
PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Jul 25, 2017

PINS Date:
Public Review Start: May 10, 2019
Approval Date: Jun 25, 2019

PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date:
Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: May 23, 2017

ANSI/ASTM D6708-2015, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2013)
PINS Date:
Public Review Start: May 8, 2015
Approval Date: Jul 1, 2015

ANSI/ASTM D6708-2016, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2015)
PINS Date:
Public Review Start: Dec 11, 2015
Approval Date: Jan 26, 2016

ANSI/ASTM D6708-2016a, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2016)
PINS Date:
Approval Date: Apr 19, 2016

ANSI/ASTM D6708-2016b, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2016)
PINS Date:
Public Review Start: May 6, 2016
Approval Date: Jun 21, 2016

ANSI/ASTM D6708-2018, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2016)
PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018
ANSI/ASTM D6708-2019, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2018)
PINS Date:  Apr 5, 2019
Public Review Start:  May 21, 2019

ANSI/ASTM D6708-2019, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2019)
PINS Date:  Oct 4, 2019
Public Review Start:  Nov 19, 2019

PINS Date:  Apr 1, 2016
Public Review Start:  Jun 28, 2016

PINS Date:  Apr 7, 2017
Public Review Start:  May 23, 2017

PINS Date:  Apr 5, 2019
Public Review Start:  May 21, 2019

PINS Date:  Oct 5, 2018
Public Review Start:  Nov 20, 2018

PINS Date:  Sep 2, 2016
Public Review Start:  Sep 2, 2016
Approval Date:  Oct 18, 2016

ANSI/ASTM D7082-2015, Specification for Polyethylene Stay In Place Form System for End Walls for Drainage Pipe (new standard)
PINS Date:  Mar 26, 2010
Public Review Start:  Sep 4, 2015
Approval Date:  Oct 20, 2015

PINS Date:  Oct 4, 2019
Public Review Start:  Nov 19, 2019

PINS Date:  Dec 11, 2015
Public Review Start:  Jan 26, 2016

ANSI/ASTM D7223-2016a, Specification for Aviation Certification Turbine Fuel (revision of ANSI/ASTM D7223-2016)
PINS Date:  Jun 10, 2016
Public Review Start:  Jul 26, 2016

PINS Date:  Apr 7, 2017
Public Review Start:  Jul 1, 2017
PINS Date: Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Mar 10, 2017
Approval Date: Jun 1, 2017

PINS Date: Public Review Start: May 8, 2015
Approval Date: Jun 23, 2015

PINS Date: Public Review Start: Sep 8, 2017
Approval Date: Oct 24, 2017

PINS Date: Public Review Start: Aug 4, 2017
Approval Date: Jan 1, 2018

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Nov 1, 2015

PINS Date: Public Review Start: Apr 7, 2017
Approval Date: May 23, 2017

PINS Date: Public Review Start: Sep 8, 2017
Approval Date: Nov 3, 2017

PINS Date: Public Review Start: Apr 6, 2018
Approval Date: May 22, 2018

PINS Date: Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Mar 6, 2015
Approval Date: Jun 16, 2015

PINS Date: Public Review Start: Jun 12, 2015
Approval Date: Aug 15, 2015
PINS Date:  
Public Review Start: Sep 4, 2015  
Approval Date: Nov 1, 2015  

PINS Date:  
Public Review Start: Mar 9, 2018  
Approval Date: Apr 24, 2018  

PINS Date:  
Approval Date: Apr 19, 2016  

PINS Date:  
Public Review Start: Feb 8, 2019  
Approval Date: Mar 26, 2019  

PINS Date:  
Public Review Start: May 6, 2016  
Approval Date: Jun 21, 2016  

PINS Date:  
Public Review Start: Oct 4, 2019  
Approval Date: Dec 15, 2019  

PINS Date:  
Public Review Start: Jun 10, 2016  
Approval Date: Jul 26, 2016  

PINS Date:  
Public Review Start: Nov 8, 2019  
Approval Date: Dec 24, 2019  

PINS Date:  
Public Review Start: Apr 7, 2017  
Approval Date: May 23, 2017  

PINS Date:  
Public Review Start: May 5, 2017  
Approval Date: Jun 20, 2017  

PINS Date:  
Public Review Start: Nov 10, 2017  
Approval Date: Dec 26, 2017  

PINS Date:  
Public Review Start: May 8, 2015  
Approval Date: Jun 23, 2015  

PINS Date:  
Public Review Start: Sep 8, 2017  
Approval Date: Oct 24, 2017
PINS Date: 
Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date: 
Public Review Start: May 6, 2016
Approval Date: Jun 21, 2016

PINS Date: 
Public Review Start: Sep 8, 2017
Approval Date: Oct 24, 2017

PINS Date: 
Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date: 
Approval Date: Apr 19, 2016

PINS Date: 
Public Review Start: May 6, 2016
Approval Date: Dec 15, 2016

ANSI/ASTM D7778-2018, Guide for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (new standard)
PINS Date: Aug 7, 2015
Public Review Start: Oct 19, 2018
Approval Date: Dec 4, 2018

PINS Date: 
Public Review Start: May 8, 2015
Approval Date: Jun 23, 2015

PINS Date: 
Public Review Start: Mar 10, 2017
Approval Date: Jun 1, 2017

PINS Date: 
Approval Date: May 17, 2016

PINS Date: 
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date: 
Public Review Start: Apr 7, 2017
Approval Date: May 23, 2017
PINS Date:
Public Review Start: Nov 2, 2018
Approval Date: Dec 18, 2018

PINS Date:
Public Review Start: Nov 4, 2015
Approval Date: Apr 21, 2016

PINS Date:
Approval Date: Apr 19, 2016

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: Jun 1, 2017

PINS Date:
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: May 22, 2018

PINS Date:
Public Review Start: Jun 1, 2018
Approval Date: Jul 17, 2018

PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date:
Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date:
Public Review Start: Dec 11, 2015
Approval Date: Jan 26, 2016

PINS Date:
Public Review Start: Mar 6, 2015
Approval Date: Apr 21, 2015

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Dec 1, 2015
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Revisions</th>
<th>PINS Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASTM D7915-2018</td>
<td>Practice for Application of Generalized Extreme Studentized Deviate (GESD) Technique to Simultaneously Identify Multiple Outliers in a Data Set (revision of ANSI/ASTM D7915-2014)</td>
<td></td>
<td>Public Review Start: Jun 1, 2018</td>
<td>Approval Date: Jul 17, 2018</td>
<td></td>
</tr>
</tbody>
</table>

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Dec 25, 2015 Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018

ANSI/ASTM D8147-2017, Specification For Special-Purpose Test Fuels for Aviation Compression-Ignition Engines (new standard)
PINS Date: Jun 3, 2016 Public Review Start: Sep 8, 2017 Approval Date: Dec 15, 2017

PINS Date: Feb 2, 2018 Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018

ANSI/ASTM D8194-2019, Practice For Evaluation Of Suitability Of 37mm Filter Monitors And 47mm Filters Used To Determine Particulate Contaminant In Aviation Turbine Fuel (new standard)
PINS Date: Nov 2, 2018 Public Review Start: Apr 5, 2019 Approval Date: Dec 18, 2018

PINS Date: Dec 28, 2018 Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

ANSI/ASTM D8289-2019, Test Method for Tensile Strength Estimate by Disk Compression of Manufactured Graphite (new standard)
PINS Date: Dec 29, 2017 Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Apr 19, 2016

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Apr 7, 2017 Approval Date: May 23, 2017

PINS Date: Public Review Start: Sep 8, 2017 Approval Date: Oct 24, 2017

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Dec 1, 2019

PINS Date: Oct 6, 2017 Public Review Start: Dec 8, 2017 Approval Date: Jan 23, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

  PINS Date:
  Public Review Start:   Sep 8, 2017
  Approval Date:   Oct 24, 2017

  PINS Date:
  Public Review Start:   Aug 10, 2018
  Approval Date:   Oct 1, 2018

  PINS Date:
  Public Review Start:   Mar 6, 2020
  Approval Date:   Apr 21, 2020

  PINS Date:
  Public Review Start:   Mar 15, 2019
  Approval Date:   Apr 30, 2019

  PINS Date:
  Public Review Start:   May 8, 2015
  Approval Date:   Jul 1, 2015

  PINS Date:
  Approval Date:   May 1, 2016

  PINS Date:
  Public Review Start:   May 6, 2016
  Approval Date:   Jul 1, 2016

  PINS Date:
  Public Review Start:   Nov 10, 2017
  Approval Date:   Mar 1, 2018

  PINS Date:
  Public Review Start:   Nov 10, 2017
  Approval Date:   Jun 1, 2018

  PINS Date:
  Public Review Start:   Jun 1, 2018
  Approval Date:   Sep 1, 2018

  PINS Date:
  Public Review Start:   Oct 5, 2018
  Approval Date:   Nov 20, 2018

  PINS Date:
  Public Review Start:   Sep 6, 2019
  Approval Date:   Oct 22, 2019

ANSI/ASTM E122-2017, Practice for Calculating Sample Size to Estimate, With Specified Precision, the Average for a Characteristic of a Lot or Process (revision of ANSI/ASTM E122-2009)
  PINS Date:   Mar 10, 2017
  Public Review Start:   Apr 28, 2017
  Approval Date:   Jun 13, 2017
PINS Date:  
Public Review Start: Sep 8, 2017  
Approval Date: Oct 24, 2017

PINS Date:  
Public Review Start: Oct 5, 2018  
Approval Date: Nov 20, 2018

PINS Date:  
Public Review Start: Oct 5, 2018  
Approval Date: Nov 20, 2018

PINS Date:  
Public Review Start: Mar 6, 2015  
Approval Date: Apr 21, 2015

PINS Date:  
Public Review Start: Mar 6, 2015  
Approval Date: Oct 1, 2015

PINS Date:  
Approval Date: Apr 19, 2016

PINS Date:  
Public Review Start: Nov 10, 2017  
Approval Date: Dec 26, 2017

PINS Date:  
Public Review Start: Apr 6, 2018  
Approval Date: May 22, 2018

PINS Date:  
Approval Date: Sep 20, 2016

PINS Date:  
Approval Date: Sep 20, 2016

PINS Date:  
Public Review Start: May 8, 2015  
Approval Date: Aug 1, 2015

PINS Date:  
Public Review Start: Dec 11, 2015  
Approval Date: Feb 1, 2016

PINS Date:  
Public Review Start: Sep 4, 2015  
Approval Date: May 1, 2016
PINS Date:  
Public Review Start:  Jun 9, 2017 
Approval Date:  Jul 25, 2017

PINS Date:  
Public Review Start:  Jun 1, 2018 
Approval Date:  Jul 17, 2018

PINS Date:  
Public Review Start:  Dec 11, 2015 
Approval Date:  Jan 26, 2016

PINS Date:  
Approval Date:  Nov 22, 2016

PINS Date:  
Public Review Start:  Oct 5, 2018 
Approval Date:  Feb 1, 2019

PINS Date:  
Public Review Start:  Sep 6, 2019 
Approval Date:  Dec 15, 2019

PINS Date:  
Public Review Start:  Mar 15, 2019 
Approval Date:  Apr 30, 2019

PINS Date:  
Public Review Start:  Oct 5, 2018 
Approval Date:  Nov 20, 2018

ANSI/ASTM E141-2010 (R2018), Practice for Acceptance of Evidence Based on the Results of Probability Sampling (reaffirmation of ANSI/ASTM E141-2010)
PINS Date:  
Public Review Start:  Mar 9, 2018 
Approval Date:  Apr 24, 2018

ANSI/ASTM E1462-2018, Test Methods for Insulation Integrity and Ground Path Continuity of Photovoltaic Modules (new standard)
PINS Date:  Oct 6, 2017 
Public Review Start:  Jan 5, 2018 
Approval Date:  Feb 20, 2018

ANSI/ASTM E1462-2018, Test Methods for Insulation Integrity and Ground Path Continuity of Photovoltaic Modules (new standard)
PINS Date:  Oct 6, 2017 
Public Review Start:  Dec 8, 2017 
Approval Date:  Jan 23, 2018

PINS Date:  
Public Review Start:  Sep 6, 2019 
Approval Date:  Jan 1, 2020
Approved American National Standards

ANSI/ASTM E1474-2020a, Test Method for Determining the Heat Release Rate of Upholstered Furniture and Mattress Components or Composites Using a Bench Scale Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1474-2014)
PINS Date:
Public Review Start: Oct 4, 2019
Approval Date: Feb 1, 2020

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Sep 8, 2017
Approval Date: Oct 24, 2017

PINS Date:
Public Review Start: May 6, 2016
Approval Date: Nov 1, 2016

PINS Date:
Approval Date: Nov 17, 2015

PINS Date:
Approval Date: Dec 15, 2016

PINS Date:
Public Review Start: Mar 6, 2015
Approval Date: Jun 15, 2015

PINS Date:
Approval Date: Nov 15, 2016

PINS Date:
Approval Date: Mar 1, 2017

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: Apr 30, 2019

PINS Date:
Public Review Start: May 8, 2015
Approval Date: Jun 23, 2015

PINS Date:
Public Review Start: Jun 12, 2015
Approval Date: Jul 28, 2015
PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Dec 15, 2015

PINS Date: Public Review Start: Oct 7, 2016
Approval Date: Dec 15, 2016

PINS Date: Public Review Start: Dec 11, 2015
Approval Date: Jan 26, 2016

PINS Date: Sep 22, 2017
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Nov 15, 2015

PINS Date: Sep 22, 2017
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Mar 15, 2019
Approval Date: Jun 1, 2019

PINS Date: Public Review Start: Mar 15, 2019
Approval Date: Jul 15, 2019

PINS Date: Public Review Start: Sep 6, 2019
Approval Date: Jan 1, 2020

PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Feb 1, 2020
PINS Date: Sep 22, 2017
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date:
Public Review Start: Mar 6, 2015
Approval Date: Aug 1, 2015

PINS Date:
Public Review Start: Oct 6, 2017
Approval Date: Mar 1, 2018

PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Dec 15, 2018

ANSI/ASTM E177-2019, Practice for Use of the Terms Precision and Bias in ASTM Test Methods (revision of ANSI/ASTM E177-2014)
PINS Date:
Public Review Start: Aug 9, 2019
Approval Date: Nov 15, 2019

PINS Date:
Public Review Start: May 6, 2016
Approval Date: Jun 21, 2016

PINS Date: Mar 11, 2016
Public Review Start: Apr 29, 2016
Approval Date: Jun 14, 2016

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: May 22, 2018

PINS Date:
Public Review Start: Apr 1, 2016
Approval Date: May 17, 2016

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: Jul 1, 2017

PINS Date:
Public Review Start: May 11, 2018
Approval Date: Jul 1, 2018

PINS Date:
Public Review Start: Oct 6, 2017
Approval Date: Oct 1, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Jan 1, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Revision Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Review Start</td>
<td>Apr 5, 2019</td>
<td>Approval Date: Feb 1, 2020</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Apr 6, 2018</td>
<td>Approval Date: May 22, 2018</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Oct 6, 2017</td>
<td>Approval Date: Nov 21, 2017</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Mar 7, 2014</td>
<td>Approval Date: Apr 22, 2014</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Mar 15, 2019</td>
<td>Approval Date: Apr 30, 2019</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Aug 10, 2018</td>
<td>Approval Date: Sep 25, 2018</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Nov 4, 2016</td>
<td>Approval Date: Dec 20, 2016</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Oct 5, 2018</td>
<td>Approval Date: Dec 1, 2018</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Mar 10, 2017</td>
<td>Approval Date: Apr 28, 2017</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Mar 15, 2019</td>
<td>Approval Date: Apr 30, 2019</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Jun 7, 2019</td>
<td>Approval Date: Jul 23, 2019</td>
</tr>
<tr>
<td>Public Review Start</td>
<td>Oct 2, 2015</td>
<td>Approval Date: Nov 17, 2015</td>
</tr>
</tbody>
</table>
PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Mar 1, 2018

PINS Date: Public Review Start: Oct 2, 2015 Approval Date: Nov 17, 2015

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: May 1, 2020

PINS Date: Sep 22, 2017 Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Apr 4, 2014 Approval Date: Aug 1, 2014

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Jul 25, 2017

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Apr 10, 2015 Approval Date: Jun 15, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Feb 10, 2017
Approval Date: Mar 28, 2017

PINS Date: Sep 22, 2017
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Aug 9, 2019
Public Review Start: Sep 24, 2019

PINS Date: Sep 4, 2015
Approval Date: Jun 1, 2016

PINS Date: Oct 4, 2019
Approval Date: May 1, 2020

PINS Date: Sep 22, 2017
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Aug 9, 2019
Approval Date: Sep 24, 2019

PINS Date: Mar 15, 2019
Approval Date: Apr 30, 2019

PINS Date: Oct 6, 2017
Approval Date: Mar 1, 2018

PINS Date: Sep 6, 2019
Approval Date: Dec 15, 2019

PINS Date: Aug 10, 2018
Approval Date: Sep 25, 2018

PINS Date: Mar 15, 2019
Approval Date: Apr 30, 2019
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Action Details</th>
</tr>
</thead>
</table>
ANSI/ASTM E2334-2008 (R2018), Practice for Setting an Upper Confidence Bound for a Fraction or Number of Non-Conforming items, or a Rate of Occurrence for Non-Conformities, Using Attribute Data, When There Is a Zero Response in the Sample (reaffirmation of ANSI/ASTM E2334-2008 (R2013))
PINS Date:   Public Review Start:   Aug 10, 2018   Approval Date:   Sep 25, 2018

PINS Date:   Public Review Start:   Jun 9, 2017   Approval Date:   Jul 25, 2017

PINS Date:   Public Review Start:   Sep 4, 2015   Approval Date:   Apr 1, 2016

PINS Date:   Public Review Start:   Jun 1, 2018   Approval Date:   Apr 1, 2020

ANSI/ASTM E235-2017 (R2018), Specification for Thermocouples, Sheathed, Type K and Type N, for Nuclear or for Other High-Reliability Applications (reaffirmation of ANSI/ASTM E235-2017)   PINS Date:   Public Review Start:   Mar 9, 2018   Approval Date:   Apr 24, 2018

ANSI/ASTM E235-2019, Specification for Type K and Type N Mineral-Insulated, Metal-Sheathed Thermocouples for Nuclear or for Other High-Reliability Applications (revision of ANSI/ASTM E235-2017 (R2018))
PINS Date:   Public Review Start:   Apr 5, 2019   Approval Date:   May 21, 2019

ANSI/ASTM E2404-2015a, Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) Wall or Ceiling Coverings, and of Facings and Wood Veneers Intended to be Applied on Site Over a Wood Substrate, to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2404-2013)
PINS Date:   Public Review Start:   May 8, 2015   Approval Date:   Jun 23, 2015

ANSI/ASTM E2404-2017, Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facings and Veneers, to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2404-2015A)   PINS Date:   Public Review Start:   Jun 9, 2017   Approval Date:   Jul 25, 2017

PINS Date:   Public Review Start:   Apr 6, 2018   Approval Date:   May 22, 2018

PINS Date:   Public Review Start:   Sep 2, 2016   Approval Date:   Nov 15, 2016

PINS Date:   Public Review Start:   Sep 7, 2018   Approval Date:   Oct 23, 2018

PINS Date:   Public Review Start:   Mar 15, 2019   Approval Date:   Apr 30, 2019

PINS Date:
Public Review Start:  Sep 4, 2015
Approval Date:  Oct 20, 2015


PINS Date:
Public Review Start:  Mar 9, 2018
Approval Date:  Apr 24, 2018


PINS Date:
Public Review Start:  Mar 9, 2018
Approval Date:  Apr 24, 2018


PINS Date:
Public Review Start:  Sep 7, 2018
Approval Date:  Oct 23, 2018


PINS Date:
Public Review Start:  Sep 7, 2018
Approval Date:  Oct 23, 2018


PINS Date:
Public Review Start:  Jun 9, 2017
Approval Date:  Jul 25, 2017


PINS Date:
Public Review Start:  Sep 6, 2019
Approval Date:  Dec 15, 2019


PINS Date:
Public Review Start:  Jun 9, 2017
Approval Date:  Jul 25, 2017


PINS Date:
Public Review Start:  Oct 6, 2017
Approval Date:  Apr 1, 2019


PINS Date:
Approval Date:  Nov 22, 2016


PINS Date:
Public Review Start:  Mar 9, 2018
Approval Date:  May 15, 2018


PINS Date:
Public Review Start:  Mar 15, 2019
Approval Date:  Apr 30, 2019
PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Apr 19, 2016

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Jul 1, 2016

PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Mar 1, 2018

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Feb 1, 2020

PINS Date: Public Review Start: Dec 11, 2015 Approval Date: Jan 26, 2016

PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Dec 15, 2018

PINS Date: Public Review Start: May 8, 2015 Approval Date: Jul 1, 2015

PINS Date: Public Review Start: Dec 6, 2019 Approval Date: Jan 21, 2020

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Jan 1, 2017

PINS Date: Public Review Start: Dec 8, 2017 Approval Date: Jan 23, 2018

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Apr 30, 2019
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/ASTM E2709-2019, Practice for Demonstrating Capability to Comply with an Acceptance Procedure
(revision of ANSI/ASTM E2709-2014)
PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Apr 30, 2019

PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Apr 30, 2019

PINS Date: Sep 22, 2017 Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Dec 2, 2016 Approval Date: Jan 17, 2017

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Apr 30, 2019

PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Nov 21, 2017

ANSI/ASTM E2762-2010 (R2020), Practice for Sampling a Stream of Product by Variables Indexed by AQL (reaffirmation of ANSI/ASTM E2762-2010 (R2014))
PINS Date: Public Review Start: Dec 6, 2019 Approval Date: Jan 21, 2020

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Apr 30, 2019

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Aug 1, 2018

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Jan 1, 2017

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Jul 1, 2017

PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Feb 1, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start:  Oct 6, 2017
Approval Date:  Mar 15, 2018

PINS Date:
Public Review Start:  Mar 9, 2018
Approval Date:  Apr 24, 2018

PINS Date:
Public Review Start:  Oct 6, 2017
Approval Date:  Jun 1, 2018

PINS Date:
Public Review Start:  Nov 8, 2019
Approval Date:  Apr 15, 2020

PINS Date:
Public Review Start:  Mar 6, 2015
Approval Date:  May 15, 2015

PINS Date:
Public Review Start:  Apr 5, 2019
Approval Date:  May 21, 2019

PINS Date:
Public Review Start:  Feb 2, 2018
Approval Date:  Mar 20, 2018

PINS Date:
Public Review Start:  Mar 10, 2017
Approval Date:  Apr 28, 2017

PINS Date:  Sep 22, 2017
Public Review Start:  Nov 10, 2017
Approval Date:  Dec 26, 2017

PINS Date:
Public Review Start:  Dec 6, 2019
Approval Date:  Jan 21, 2020

PINS Date:
Public Review Start:  Apr 6, 2018
Approval Date:  May 22, 2018

PINS Date:
Public Review Start:  Oct 5, 2018
Approval Date:  Nov 20, 2018
ANSI/ASTM E2874-2019, Test Method For Determining the Fire Performance of Building Perimeter Containment Systems Due to External Spread of Fire (new standard)
- PINS Date: Nov 5, 2010
- Public Review Start: Sep 13, 2013
- Approval Date: Feb 1, 2019

ANSI/ASTM E2886/E2886M-2014, Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement (new standard)
- PINS Date: Oct 31, 2008
- Public Review Start: Apr 4, 2014
- Approval Date: May 20, 2014

ANSI/ASTM E2889-2012 (R2017), Practice for Control of Respiratory Hazards in the Metal Removal Fluid Environment (reaffirmation of ANSI/ASTM E2889-2012)
- PINS Date: Sep 8, 2017
- Approval Date: Oct 14, 2017

- PINS Date: Dec 7, 2018
- Approval Date: Jan 22, 2019

- PINS Date: Apr 6, 2018
- Approval Date: May 22, 2018

- PINS Date: Mar 9, 2018
- Approval Date: Apr 24, 2018

- PINS Date: Jun 9, 2017
- Approval Date: Aug 1, 2017

- PINS Date: Sep 4, 2015
- Approval Date: Oct 20, 2015

- PINS Date: Oct 7, 2016
- Approval Date: Nov 22, 2016

- PINS Date: Sep 8, 2017
- Approval Date: Oct 24, 2017

- PINS Date: Apr 6, 2018
- Approval Date: May 22, 2018

ANSI/ASTM E2957-2015, Test Method for Flammability and Resistance of Eaves, Soffits and Other Horizontal Projections to Fire Penetration (new standard)
- PINS Date: May 18, 2012
- Public Review Start: Jun 12, 2015
- Approval Date: Jul 28, 2015

- PINS Date: May 1, 2017
- Approval Date: May 10, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Status</th>
<th>Date of Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASTM E3006-2018</td>
<td>Practice for Ultraviolet Conditioning of Photovoltaic Modules or Mini-Modules Using a Fluorescent Ultraviolet (UV) Lamp Apparatus (new standard)</td>
<td>Approved</td>
<td>Jan 23, 2018</td>
</tr>
<tr>
<td>Standard</td>
<td>Description</td>
<td>Date Approved</td>
<td>Date of Public Review Start</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>---------------</td>
<td>----------------------------</td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Jan 1, 2020

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Oct 24, 2017

PINS Date: Public Review Start: Mar 7, 2014 Approval Date: May 1, 2014

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Jul 23, 2019

PINS Date: Public Review Start: Apr 9, 2010 Approval Date: May 25, 2010

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Jun 1, 2018

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Jul 25, 2017

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019
PINS Date: Public Review Start: Jun 12, 2015 Approval Date: Jul 28, 2015

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Apr 28, 2017

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Jul 23, 2019

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Jul 25, 2017

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Sep 1, 2019


ANSI/ASTM E691-2015, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2014)
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

ANSI/ASTM E691-2018, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2016)
PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Feb 1, 2017

PINS Date: Public Review Start: Aug 9, 2019 Approval Date: Sep 24, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Date Approved</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Description</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>------------------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Sep 1, 2018

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: May 22, 2018

PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Oct 23, 2012

PINS Date:
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date:
Public Review Start: Jun 10, 2016
Approval Date: Jan 1, 2017

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018

PINS Date:
Public Review Start: Nov 2, 2018
Approval Date: Dec 18, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018

ANSI/ASTM F1025-2017, Guide for Selection and Use of Full-Encirclement-Type Band Clamps for Reinforcement or Repair of Punctures or Holes in Polyethylene Gas Pressure Pipe (new standard)
PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Sep 1, 2018
PINS Date:  Public Review Start:  Approval Date:
  May 6, 2016  Sep 2, 2016  Oct 18, 2016

PINS Date:  Public Review Start:  Approval Date:
  May 6, 2016  Apr 14, 2017  May 30, 2017

PINS Date:  Public Review Start:  Approval Date:
  May 6, 2016  Sep 2, 2016  Oct 18, 2016

ANSI/ASTM F1047-2017, Specification for Frying and Braising Pans, Tilting Type (new standard)
PINS Date:  Public Review Start:  Approval Date:

ANSI/ASTM F1055-2016, Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing (new standard)
PINS Date:  Public Review Start:  Approval Date:

ANSI/ASTM F1055-2016a, Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing (revision of ANSI/ASTM F1055-2016)
PINS Date:  Public Review Start:  Approval Date:
  Oct 7, 2016  Mar 9, 2018  Apr 24, 2018

PINS Date:  Public Review Start:  Approval Date:
  May 6, 2016  Apr 14, 2017  May 31, 2017

PINS Date:  Public Review Start:  Approval Date:
  Jan 5, 2018  Feb 20, 2018

PINS Date:  Public Review Start:  Approval Date:
  Mar 9, 2018  Mar 26, 2019

PINS Date:  Public Review Start:  Approval Date:
  Feb 8, 2019  Mar 26, 2019

ANSI/ASTM F1070-2019, Specification for Doors, Non-Tight, for Marine Use (revision of ANSI/ASTM F1070-87 (R2012))
PINS Date:  Public Review Start:  Approval Date:
  Feb 8, 2019  Mar 26, 2019

PINS Date:  Public Review Start:  Approval Date:
  Mar 9, 2018  Apr 24, 2018

PINS Date:  Public Review Start:  Approval Date:
  Mar 9, 2018  Apr 24, 2018
PINS Date:  
Public Review Start: Mar 26, 2019  
Approval Date: Mar 26, 2019

PINS Date:  
Public Review Start: Apr 24, 2018  
Approval Date: Apr 24, 2018

PINS Date:  
Public Review Start: Sep 1, 2018  
Approval Date: Sep 1, 2018

ANSI/ASTM F1076-2020, Practice for Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube (revision of ANSI/ASTM F1076-2010 (R2015))
PINS Date:  
Public Review Start: Nov 8, 2019  
Approval Date: Dec 24, 2019

PINS Date:  
Public Review Start: Apr 21, 2015  
Approval Date: Apr 21, 2015

PINS Date:  
Public Review Start: Dec 24, 2019  
Approval Date: Dec 24, 2019

PINS Date:  
Public Review Start: Nov 8, 2019  
Approval Date: Dec 24, 2019

PINS Date:  
Public Review Start: Dec 26, 2017  
Approval Date: Dec 26, 2017

ANSI/ASTM F1098-2010 (R2020), Specification for Envelope Dimensions for Butterfly Valves NPS 2 to 24 (reaffirmation of ANSI/ASTM F1098-2010 (R2015))
PINS Date:  
Public Review Start: Nov 8, 2019  
Approval Date: Dec 24, 2019

PINS Date:  
Public Review Start: Mar 9, 2018  
Approval Date: Apr 24, 2018

ANSI/ASTM F1106-87 (R2018), Specification for Warping Heads, Rope Handling (Gypsy Head, Capstan Head) (reaffirmation of ANSI/ASTM F1106-87 (R2012))
PINS Date:  
Public Review Start: Mar 9, 2018  
Approval Date: Apr 24, 2018

PINS Date:  
Public Review Start: Dec 20, 2016  
Approval Date: Dec 20, 2016
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Apr 10, 2015 Approval Date: May 26, 2015

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Jan 10, 2020 Approval Date: Feb 25, 2020

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Jul 23, 2019

PINS Date: Public Review Start: Sep 13, 2013 Approval Date: Feb 1, 2014

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Mar 26, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Mar 26, 2019
PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Dec 20, 2016

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Sep 13, 2013 Approval Date: Oct 29, 2013

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Feb 2, 2018 Approval Date: Mar 20, 2018

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Sep 13, 2013 Approval Date: Mar 1, 2014

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Mar 26, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Mar 26, 2019

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 318
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:  
Public Review Start: Feb 2, 2018  
Approval Date: Mar 20, 2018

PINS Date:  
Public Review Start: Sep 13, 2013  
Approval Date: Oct 29, 2013

PINS Date:  
Public Review Start: Mar 7, 2014  
Approval Date: Apr 22, 2014

PINS Date:  
Public Review Start: Jul 7, 2017  
Approval Date: Aug 22, 2017

ANSI/ASTM F1282-2017, Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe (new standard)
PINS Date:  
Public Review Start: Feb 10, 2017  
Approval Date: Mar 28, 2017

PINS Date:  
Public Review Start: Apr 29, 2016  
Approval Date: Jun 14, 2016

ANSI/ASTM F1290-2017, Practice for Electrofusion Joining Polyolefin Pipe and Fittings (new standard)
PINS Date:  
Public Review Start: Apr 14, 2017  
Approval Date: May 31, 2017

PINS Date:  
Public Review Start: Dec 7, 2018  
Approval Date: Jan 22, 2019

PINS Date:  
Approval Date: May 1, 2017

PINS Date:  
Public Review Start: Aug 4, 2017  
Approval Date: Oct 1, 2017

PINS Date:  
Public Review Start: Oct 5, 2018  
Approval Date: Dec 1, 2018

PINS Date:  
Public Review Start: Mar 9, 2018  
Approval Date: Oct 1, 2018

PINS Date:  
Public Review Start: Feb 2, 2018  
Approval Date: Mar 20, 2018

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018


PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018


PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

ANSI/ASTM F1321-2014, Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine the Light Ship Displacement and Centers of Gravity of a Vessel (revision of ANSI/ASTM F1321-2013)

PINS Date:
Public Review Start: Apr 4, 2014
Approval Date: May 20, 2014


PINS Date:
Public Review Start: Apr 10, 2015
Approval Date: May 26, 2015


PINS Date:
Public Review Start: Jan 10, 2020
Approval Date: Feb 25, 2020


PINS Date:
Approval Date: Apr 19, 2016


PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018


PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: May 23, 2017


PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019


PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018


PINS Date:
Public Review Start: Apr 10, 2015
Approval Date: May 26, 2015
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Reaffirmation Date</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:  Mar 4, 2016
Approval Date:  Apr 19, 2016

ANSI/ASTM F1411-2011 (R2018), Practice for Presenting Selected Information on Vacuum Cleaners for Consumer Use (reaffirmation of ANSI/ASTM F1411-2011)
PINS Date:  Feb 2, 2018
Approval Date:  Mar 20, 2018

PINS Date:  Jan 22, 2016
Public Review Start:  Apr 14, 2017
Approval Date:  May 30, 2017

PINS Date:  May 6, 2016
Approval Date:  Sep 1, 2016

PINS Date:  Apr 9, 2010
Approval Date:  May 25, 2010

ANSI/ASTM F1435-2008 (R2013), Specification For Designation Of The Balance Point Location For Archery Arrows (reaffirmation of ANSI/ASTM F1435-2008)
PINS Date:  Apr 5, 2013
Approval Date:  May 21, 2013

PINS Date:
Public Review Start:  Nov 10, 2017
Approval Date:  Dec 26, 2017

PINS Date:
Public Review Start:  May 8, 2015
Approval Date:  Jun 23, 2015

PINS Date:
Public Review Start:  Nov 9, 2012
Approval Date:  Nov 1, 2015

PINS Date:
Public Review Start:  May 11, 2018
Approval Date:  Jun 26, 2018

PINS Date:
Public Review Start:  Apr 7, 2017
Approval Date:  May 23, 2017

PINS Date:
Public Review Start:  Nov 8, 2019
Approval Date:  Dec 24, 2019
ANSI/ASTM F1483-2017, Specification for Oriented Poly (Vinyl Chloride), PVCO, Pressure Pipe (new standard)
PINS Date:  
Public Review Start:  Mar 10, 2017  
Approval Date:  Aug 1, 2017

PINS Date:  
Approval Date:  Nov 17, 2015

PINS Date:  
Public Review Start:  Feb 2, 2018  
Approval Date:  Mar 20, 2018

PINS Date:  
Public Review Start:  Jan 18, 2019  
Approval Date:  Mar 5, 2019

PINS Date:  
Public Review Start:  Mar 6, 2015  
Approval Date:  Jul 1, 2015

PINS Date:  
Public Review Start:  Dec 6, 2013  
Approval Date:  Jan 21, 2014

ANSI/ASTM F1495-2014a, Specification for Combination Oven Electric or Gas Fired (revision of ANSI/ASTM F1495 -2014)
PINS Date:  
Public Review Start:  May 2, 2014  
Approval Date:  Jun 17, 2014

PINS Date:  
Public Review Start:  Apr 5, 2019  
Approval Date:  May 21, 2019

PINS Date:  
Public Review Start:  Nov 2, 2018  
Approval Date:  Dec 18, 2018

PINS Date:  
Public Review Start:  Apr 14, 2017  
Approval Date:  May 30, 2017

PINS Date:  
Public Review Start:  Oct 6, 2017  
Approval Date:  Nov 21, 2017

PINS Date:  
Public Review Start:  May 6, 2016  
Approval Date:  Sep 1, 2016
PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Nov 22, 2016

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 31, 2017

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Oct 1, 2018

PINS Date: Public Review Start: Feb 2, 2018 Approval Date: Mar 20, 2018

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Jul 12, 2019 Approval Date: Aug 20, 2019

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017
PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

ANSI/ASTM F1602-2012 (R2017), Specification for Kettles, Steam-Jacketed, 20 to 200 gal (75.7 to 757 L), Floor or Wall Mounted, Direct Steam, Gas and Electric Heated (reaffirmation of ANSI/ASTM F1602-2012)
PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Nov 21, 2017

ANSI/ASTM F1603-2017, Specification for Kettles, Steam-Jacketed, 32 oz to 20 gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated (revision of ANSI/ASTM F1603-2012)
PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Nov 21, 2017

PINS Date: Public Review Start: Oct 2, 2015 Approval Date: Nov 17, 2015

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 21, 2020

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Apr 5, 2013 Approval Date: May 21, 2013

PINS Date: Jan 22, 2016 Public Review Start: Mar 4, 2016 Approval Date: Jul 26, 2016

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018
PINS Date: Jan 22, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Mar 24, 2015

PINS Date:
Public Review Start: Jul 10, 2015
Approval Date: Aug 24, 2015

PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Dec 1, 2018

PINS Date:
Public Review Start: Oct 5, 2012
Approval Date: Jan 1, 2013

PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Apr 28, 2017

PINS Date:
Public Review Start: Apr 10, 2015
Approval Date: May 26, 2015
- Public Review Start: Apr 5, 2019
- Approval Date: May 21, 2019

- Public Review Start: Aug 4, 2017
- Approval Date: Sep 19, 2017

- Public Review Start: Nov 2, 2018
- Approval Date: Dec 18, 2018

ANSI/ASTM F1734-2019, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (new standard)
- Public Review Start: Jun 15, 2018
- Approval Date: Jan 22, 2019

- Public Review Start: Mar 6, 2015
- Approval Date: Apr 21, 2015

- Approval Date: Apr 19, 2016

- Public Review Start: Aug 8, 2014
- Approval Date: Sep 23, 2014

- Public Review Start: Aug 8, 2014
- Approval Date: Sep 23, 2014

- Public Review Start: Mar 9, 2018
- Approval Date: Oct 1, 2018

- Public Review Start: Apr 10, 2015
- Approval Date: May 26, 2015

- Public Review Start: Jan 5, 2018
- Approval Date: Feb 20, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: May 6, 2016
Public Review Start: Mar 31, 2017
Approval Date: May 16, 2017

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date:
Approval Date: Nov 22, 2016

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Jul 1, 2018

PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Nov 15, 2019

PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Oct 22, 2019

PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Mar 24, 2015

PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Mar 24, 2015

PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Mar 24, 2015

PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date:
Public Review Start: May 6, 2016
Approval Date: Sep 1, 2016

PINS Date:
Public Review Start: May 6, 2016
Approval Date: Sep 1, 2016
PINS Date:
Public Review Start: May 6, 2016
Approval Date: Sep 1, 2016

PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date:
Public Review Start: Nov 6, 2015
Approval Date: Dec 22, 2015

ANSI/ASTM F1804-2016, Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In Installation  (new standard)
PINS Date:
Approval Date: Nov 22, 2016

ANSI/ASTM F1807-2017, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing  (new standard)
PINS Date:
Public Review Start: Feb 10, 2017
Approval Date: Mar 28, 2017

PINS Date:
Public Review Start: Oct 6, 2017
Approval Date: Sep 1, 2018

PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: Apr 30, 2019

ANSI/ASTM F1807-2019a, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing  (reaffirmation of ANSI/ASTM F1807-2019)
PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date:
Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019
PINS Date:  Public Review Start:  Sep 7, 2018
Approval Date:  Oct 23, 2018

PINS Date:  Public Review Start:  Apr 5, 2019
Approval Date:  May 21, 2019

PINS Date:  Public Review Start:  Mar 10, 2017
Approval Date:  Apr 28, 2017

PINS Date:  Public Review Start:  Mar 9, 2018
Approval Date:  Oct 1, 2018

PINS Date:  Public Review Start:  Jun 7, 2019
Approval Date:  Jul 23, 2019

PINS Date:  Public Review Start:  Aug 4, 2017
Approval Date:  Mar 1, 2018

PINS Date:  Public Review Start:  Nov 10, 2017
Approval Date:  Dec 26, 2017

PINS Date:  Public Review Start:  Sep 7, 2018
Approval Date:  Oct 23, 2018

PINS Date:  Public Review Start:  Jan 5, 2018
Approval Date:  Feb 20, 2018

PINS Date:  Public Review Start:  Apr 10, 2015
Approval Date:  May 26, 2015

PINS Date:  Public Review Start:  Aug 4, 2017
Approval Date:  Sep 19, 2017

PINS Date:  Public Review Start:  Mar 9, 2018
Approval Date:  Oct 1, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>Date of Revision</th>
<th>PINS Date</th>
<th>Public Review Start Date</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/ASTM F1924-2017, Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (new standard)
PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018

PINS Date:
Public Review Start: Nov 6, 2015
Approval Date: Dec 22, 2015

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: Jul 1, 2019

PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: May 15, 2017

ANSI/ASTM F1938-2017, Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing (new standard)
PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date:
Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date:
Public Review Start: Jan 10, 2020
Approval Date: Feb 25, 2020
PINS Date:
Public Review Start: Apr 4, 2014
Approval Date: Jun 1, 2014

PINS Date:
Public Review Start: Mar 6, 2015
Approval Date: May 15, 2015

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Mar 6, 2015
Approval Date: Apr 21, 2015

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Oct 3, 2018

PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date:
Public Review Start: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date:
Public Review Start: Oct 6, 2017
Approval Date: Nov 21, 2017

PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date:
Public Review Start: May 5, 2017
Approval Date: Jun 20, 2017
PINS Date: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: May 6, 2016
Public Review Start: Mar 15, 2019
Approval Date: Apr 30, 2019

PINS Date: Sep 2, 2016
Public Review Start: Sep 2, 2016
Approval Date: Mar 1, 2017

ANSI/ASTM F1974-2017, Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe (new standard)
PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: Aug 1, 2019

PINS Date: Jan 5, 2018
Approval Date: Feb 20, 2018

PINS Date: Sep 2, 2016
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date: Oct 20, 2017
Public Review Start: Oct 20, 2017
Approval Date: Nov 29, 2017

PINS Date: May 20, 2014

PINS Date: May 6, 2016
Public Review Start: May 6, 2016
Approval Date: May 31, 2017
PINS Date: Public Review Start: Nov 2, 2018 Approval Date: Aug 1, 2019

PINS Date: Public Review Start: Apr 10, 2015 Approval Date: May 26, 2015

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Oct 1, 2018

PINS Date: Public Review Start: Apr 10, 2015 Approval Date: May 26, 2015

PINS Date: Jan 22, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 30, 2017

PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Nov 21, 2017

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Apr 19, 2016

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 21, 2020

PINS Date: Public Review Start: Aug 8, 2014 Approval Date: Sep 23, 2014

PINS Date: Public Review Start: Mar 6, 2015 Approval Date: May 15, 2015
PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Oct 1, 2018

PINS Date: Public Review Start: Aug 4, 2017 Approval Date: Mar 1, 2018

ANSI/ASTM F2043-2013 (R2018), Classification for Bicycle Usage (reaffirmation of ANSI/ASTM F2043-2013)
PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Mar 26, 2019

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Jan 1, 2018

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Aug 1, 2017

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Aug 1, 2017

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Aug 1, 2017

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Aug 1, 2017

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Aug 1, 2017

PINS Date: Public Review Start: Aug 8, 2014 Approval Date: Jan 1, 2015

ANSI/ASTM F2080-2016, Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe (new standard)
PINS Date: Public Review Start: Jul 8, 2016 Approval Date: Aug 23, 2016
PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Jul 23, 2019

ANSI/ASTM F2092-2014, Specification for Convection Oven Gas or Electric (revision of ANSI/ASTM F2092-2001 (R2007))
PINS Date: Public Review Start: May 2, 2014 Approval Date: Jun 17, 2014

PINS Date: Public Review Start: Feb 2, 2018 Approval Date: Mar 20, 2018

PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 31, 2017

PINS Date: Public Review Start: Jul 6, 2018 Approval Date: Nov 15, 2018

PINS Date: Public Review Start: Jul 6, 2018 Approval Date: Nov 15, 2018

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Aug 4, 2017 Approval Date: Sep 19, 2017

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: May 11, 2018 Approval Date: Jun 26, 2018

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Dec 1, 2015
PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 21, 2020

PINS Date: Public Review Start: May 11, 2018 Approval Date: Jun 26, 2018

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Apr 28, 2017

PINS Date: Public Review Start: May 10, 2019 Approval Date: Jun 25, 2019

PINS Date: Public Review Start: Oct 11, 2013 Approval Date: Nov 26, 2013

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Apr 5, 2013 Approval Date: May 21, 2013

PINS Date: Jan 22, 2016 Public Review Start: Feb 10, 2017 Approval Date: Mar 28, 2017

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 22, 2017

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

ANSI/ASTM F2143-2016, Test Method for Performance of Refrigerated Buffet and Preparation Tables (revision of ANSI/ASTM F2143-2004 (R2010))
PINS Date: Apr 1, 2016 Public Review Start: May 13, 2016 Approval Date: Jun 28, 2016
<table>
<thead>
<tr>
<th>ANSI/ASTM Standard</th>
<th>Standard Title</th>
<th>Reaffirmation/Rerevision</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date:
Approval Date: Jan 10, 2017

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date:
Public Review Start: Dec 7, 2018
Approval Date: Jan 22, 2019

ANSI/ASTM F2168-2013 (R2020), Specification for Packing Material, Graphitic, Corrugated Ribbon or Textured Tape, and Die-Formed Ring (reaffirmation of ANSI/ASTM F2168-2013)
PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

ANSI/ASTM F2176-2017, Specification for Mechanical Couplings Used on Polyethylene Conduit, Duct and Innerduct (new standard)
PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Sep 1, 2017

PINS Date:
Public Review Start: May 11, 2018
Approval Date: Jun 26, 2018

PINS Date:
Public Review Start: Jan 10, 2020
Approval Date: Feb 25, 2020

PINS Date:
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Mar 24, 2015

ANSI/ASTM F2206-2017, Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE) (new standard)
PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date:
Public Review Start: Dec 7, 2018
Approval Date: Jan 22, 2019

PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019
PINS Date: 
Public Review Start: Mar 10, 2017
Approval Date: Apr 28, 2017

PINS Date: 
Public Review Start: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: 
Public Review Start: Apr 10, 2015
Approval Date: May 26, 2015

PINS Date: 
Public Review Start: Apr 4, 2014
Approval Date: May 20, 2014

PINS Date: 
Public Review Start: May 8, 2015
Approval Date: Jun 23, 2015

PINS Date: 
Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date: 
Public Review Start: Mar 15, 2019
Approval Date: Jul 1, 2019

PINS Date: 
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

PINS Date: 
Public Review Start: Mar 6, 2015
Approval Date: Jul 1, 2015

PINS Date: 
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date: 
Public Review Start: Feb 6, 2015
Approval Date: Mar 24, 2015

PINS Date: 
Public Review Start: Nov 6, 2015
Approval Date: Mar 15, 2016

PINS Date: 
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date: 
Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015
PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Apr 28, 2017

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

ANSI/ASTM F2275-2017, Practice for Treestand Manufacturer Quality Assurance Program (revision of ANSI/ASTM F2275-2010 (R2014))
PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: May 15, 2017

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Jan 18, 2019 Approval Date: Mar 5, 2019

PINS Date: Public Review Start: Apr 6, 2018 Approval Date: Jul 1, 2018

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019
PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Sep 19, 2017

PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Apr 28, 2017

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date: Jan 27, 2017
Public Review Start: Mar 10, 2017
Approval Date: May 15, 2017

PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date:
Public Review Start: May 11, 2018
Approval Date: Jun 26, 2018

PINS Date:
Public Review Start: Jan 18, 2019
Approval Date: Mar 5, 2019

PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: Nov 15, 2017

PINS Date: Sep 2, 2016
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date: Sep 2, 2016
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018
PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Jan 15, 2017

PINS Date: Public Review Start: Feb 10, 2017 Approval Date: Mar 28, 2017

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 22, 2017

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Apr 19, 2016

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 22, 2017

PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Nov 19, 2019
PINS Date:  
Public Review Start: Nov 7, 2014  
Approval Date: Jun 1, 2015

PINS Date:  
Approval Date: Apr 19, 2016

PINS Date:  
Public Review Start: Aug 4, 2017  
Approval Date: Sep 19, 2017

PINS Date:  
Public Review Start: Oct 5, 2018  
Approval Date: Nov 20, 2018

ANSI/ASTM F2441-2012 (R2018), Practice for Labeling of Backpacking and Mountaineering Tents and Bivouac Sacks (reaffirmation of ANSI/ASTM F2441-2012)
PINS Date:  
Public Review Start: Mar 9, 2018  
Approval Date: Apr 24, 2018

PINS Date:  
Public Review Start: Nov 2, 2018  
Approval Date: Dec 18, 2018

PINS Date:  
Public Review Start: Sep 2, 2016  
Approval Date: Oct 18, 2016

PINS Date:  
Public Review Start: Feb 2, 2018  
Approval Date: Mar 20, 2018

PINS Date:  
Public Review Start: May 5, 2017  
Approval Date: Jun 20, 2017

PINS Date:  
Public Review Start: Mar 10, 2017  
Approval Date: Apr 28, 2017

PINS Date:  
Public Review Start: May 5, 2017  
Approval Date: Jun 20, 2017

PINS Date:  
Public Review Start: Mar 10, 2017  
Approval Date: Apr 28, 2017
PINS Date: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date: Oct 6, 2017
Approval Date: Nov 21, 2017

ANSI/ASTM F2487-2017 (R2017), Guide for In-ground Concrete Skatepark (revision of ANSI/ASTM F2480-2006 (R2017))
PINS Date: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date: Oct 6, 2017
Approval Date: Nov 21, 2017

PINS Date: Sep 4, 2015
Approval Date: Jul 1, 2016

PINS Date: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date: May 6, 2016
Approval Date: May 31, 2017

PINS Date: Nov 10, 2017
Approval Date: Dec 26, 2017

PINS Date: Oct 2, 2015
Approval Date: Nov 17, 2015

PINS Date: Dec 5, 2008
Approval Date: May 22, 2012

PINS Date: Mar 7, 2014
Approval Date: Apr 22, 2014

PINS Date: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date: Nov 8, 2013
Approval Date: Dec 24, 2013

PINS Date: May 6, 2016
Approval Date: May 30, 2017

PINS Date: Oct 6, 2017
Approval Date: Nov 21, 2017
PINS Date: Mar 20, 2018
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018

ANSI/ASTM F2553-2016, Specification for Warnings on Refillable CO2 Cylinders Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2553-2011)
PINS Date: Apr 19, 2016
Approval Date: Apr 19, 2016

ANSI/ASTM F2553-2016 (R2020), Specification for Warnings on Refillable CO2 Cylinders Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2553-2016)
PINS Date: Apr 21, 2020
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date: May 31, 2017
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: Apr 24, 2018
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date: Dec 24, 2019
Public Review Start: Nov 8, 2019
Approval Date: Dec 24, 2019

PINS Date: Jun 23, 2015
Public Review Start: May 8, 2015
Approval Date: Jun 23, 2015

PINS Date: Jun 26, 2018
Public Review Start: May 11, 2018
Approval Date: Jun 26, 2018

PINS Date: Jun 26, 2018
Public Review Start: May 11, 2018
Approval Date: Jun 26, 2018

PINS Date: Feb 20, 2018
Public Review Start: Jan 5, 2018
Approval Date: Feb 20, 2018

PINS Date: Nov 25, 2014
Approval Date: Nov 25, 2014

PINS Date: Nov 17, 2015
Approval Date: Nov 17, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Oct 2, 2015
Approval Date: Nov 17, 2015

PINS Date: Public Review Start: Mar 15, 2019
Approval Date: Apr 30, 2019

PINS Date: Public Review Start: May 10, 2019
Approval Date: Jun 25, 2019

PINS Date: Public Review Start: Mar 15, 2019
Approval Date: Apr 30, 2019

PINS Date: Public Review Start: Jul 10, 2015
Approval Date: Aug 24, 2015

PINS Date: Public Review Start: Apr 5, 2019
Approval Date: May 21, 2019

PINS Date: Public Review Start: Nov 4, 2016
Approval Date: Dec 20, 2016

PINS Date: Public Review Start: Nov 4, 2016
Approval Date: Dec 20, 2016

PINS Date: Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Jan 18, 2019
Approval Date: Mar 5, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASTM F2650-2017, **TERMINOLOGY RELATING TO IMPACT TESTING OF SPORTS SURFACES AND EQUIPMENT** (revision of ANSI/ASTM F2650-2013)
PINS Date: Sep 15, 2006
Public Review Start: Apr 5, 2013
Approval Date: Sep 15, 2017

ANSI/ASTM F2651-2010a, **Terminology Relating to Soil and Turfgrass Characteristics of Natural Playing Surfaces** (revision of ANSI/ASTM F2651-2010)
PINS Date:
Public Review Start: Sep 10, 2010
Approval Date: Dec 15, 2010

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

ANSI/ASTM F2653-2016, **Specification for Paintball Valve Male Threaded Connection for Use with Approved Cylinders** (revision of ANSI/ASTM F2653-2011 (R2015))
PINS Date:
Approval Date: Apr 19, 2016

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Jun 1, 2016

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Oct 22, 2019

PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Sep 19, 2017

ANSI/ASTM F2681-2018, **Specification for Body Protectors Used in Equine Racing** (revision of ANSI/ASTM F2681-2008 (R2014))
PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Jun 7, 2019
Approval Date: Jul 23, 2019

ANSI/ASTM F2711-2019, **Test Methods for Bicycle Frames** (revision of ANSI/ASTM F2711-2008 (R2012))
PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Oct 22, 2019

ANSI/ASTM F2713-2018, **Specification for Eye Protectors for Field Hockey** (revision of ANSI/ASTM F2713-2014)
PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Sep 15, 2018

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
<table>
<thead>
<tr>
<th>ANSI/ASTM Standard</th>
<th>Title</th>
<th>Approval Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Standard Title</td>
<td>Approval Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>ANSI/ASTM F2785-2018a</td>
<td>Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2785-2018)</td>
<td>Sep 1, 2018</td>
</tr>
</tbody>
</table>
ANSI/ASTM F2797-2019, Reinstatement of Test Method for Evaluating Edge Cleaning Effectiveness of Vacuum Cleaners (new standard)
- PINS Date: 
- Public Review Start: May 24, 2019
- Approval Date: Jul 9, 2019

- PINS Date:
- Public Review Start: Apr 6, 2018
- Approval Date: May 22, 2018

- PINS Date:
- Public Review Start: Mar 10, 2017
- Approval Date: Apr 28, 2017

- PINS Date:
- Public Review Start: Mar 15, 2019
- Approval Date: Jul 1, 2019

- PINS Date:
- Public Review Start: Sep 4, 2015
- Approval Date: Oct 20, 2015

- PINS Date:
- Public Review Start: May 10, 2019
- Approval Date: Jun 25, 2019

- PINS Date: Jan 22, 2016
- Public Review Start: Apr 14, 2017
- Approval Date: May 30, 2017

- PINS Date:
- Public Review Start: Nov 6, 2015
- Approval Date: Dec 22, 2015

- PINS Date:
- Public Review Start: Nov 6, 2015
- Approval Date: Dec 22, 2015

- PINS Date:
- Public Review Start: Mar 9, 2018
- Approval Date: Apr 24, 2018

- PINS Date:
- Public Review Start: Jul 7, 2017
- Approval Date: May 1, 2019

- PINS Date:
- Public Review Start: Jul 12, 2019
- Approval Date: Aug 20, 2019

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 353
PINS Date: Public Review Start: Apr 6, 2018 Approval Date: May 22, 2018

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Jan 1, 2020

PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 30, 2017

PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Feb 1, 2020

PINS Date: Public Review Start: Jan 10, 2020 Approval Date: Feb 25, 2020

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 22, 2017

ANSI/ASTM F2834-2010 (R2017), Specification for Induction Cooktops, Counter Top, Drop-in Mounted, or Floor Standing (reaffirmation of ANSI/ASTM F2834-2010)
PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Nov 21, 2017

PINS Date: Public Review Start: Oct 6, 2017 Approval Date: Nov 21, 2017

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Apr 28, 2017

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 21, 2020

ANSI/ASTM F2843-2010 (R2015), Specification for Condition 0 Bicycle Frames (reaffirmation of ANSI/ASTM F2843-2010a)
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Oct 20, 2015

PINS Date: Public Review Start: May 10, 2019 Approval Date: Jun 25, 2019

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Apr 19, 2016
ANSI/ASTM F2845-2014, Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (revision of ANSI/ASTM F2845-2011)
PINS Date:
Public Review Start: Apr 5, 2013
Approval Date: Mar 1, 2014

ANSI/ASTM F2854-2016, Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing (new standard)
PINS Date:
Public Review Start: Jul 8, 2016
Approval Date: Aug 23, 2016

PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: Apr 30, 2019

PINS Date:
Approval Date: Apr 19, 2016

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020
PINS Date: Public Review Start: Apr 10, 2015 Approval Date: May 26, 2015

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Nov 22, 2016

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Apr 24, 2018

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Apr 30, 2019

ANSI/ASTM F2880-2017, *Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe Sizes 34 in. to 65 in.* (new standard)
PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 31, 2017

PINS Date: Public Review Start: Jul 10, 2015 Approval Date: Aug 24, 2015

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 21, 2020

PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 30, 2017

PINS Date: Public Review Start: Sep 6, 2019 Approval Date: Oct 22, 2019

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019
PINS Date: Dec 16, 2011
Public Review Start: Aug 10, 2018
Approval Date: Jan 15, 2019

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Oct 20, 2015

ANSI/ASTM F2929-2017, Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070 in. Wall and Fittings for Radiant Heating Systems up to 75 psig (new standard)
PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Dec 1, 2017

ANSI/ASTM F2934-2012 (R2018), Specification for Circular Metallic Bellows Type Expansion Joint for HVAC Piping Applications (reaffirmation of ANSI/ASTM F2934-2012)
PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018

ANSI/ASTM F2935-2012 (R2018), Specification for Chocks, Panama, Mooring Cast Steel (reaffirmation of ANSI/ASTM F2935-2012)
PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018

ANSI/ASTM F2936-2012 (R2018), Specification for Chocks, Ship Mooring, Cast Steel (reaffirmation of ANSI/ASTM F2936-2012)
PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018

ANSI/ASTM F2940-2013 (R2017), Practice for Air Soft Field Operation (reaffirmation of ANSI/ASTM F2940-2013)
PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Apr 28, 2017

ANSI/ASTM F2941-2013 (R2017), Practice for Air Soft Player Safety Briefing (reaffirmation of ANSI/ASTM F2941-2013)
PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Apr 28, 2017

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date:
Public Review Start: Jul 6, 2018
Approval Date: Sep 1, 2018

PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Aug 22, 2017

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018
ANSI/ASTM F2968/F2968M-2020, Specification for Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints For Gas Distribution Applications (new standard)
PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Mar 1, 2020

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 21, 2020

PINS Date: Jan 22, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 30, 2017

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: Apr 28, 2017

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: May 21, 2019

PINS Date: Public Review Start: Oct 5, 2018 Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Jan 5, 2018 Approval Date: Feb 20, 2018

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

ANSI/ASTM F2991-2013, Guide For Doubler Plate Repairs For Non-Classed Ship Structures (new standard)
PINS Date: Oct 29, 2010 Public Review Start: Nov 9, 2012 Approval Date: Feb 1, 2013

ANSI/ASTM F3012-2014, Specification for Loose-Fill Rubber for Use as a Playground Safety Surface under and around Playground Equipment (new standard)
PINS Date: May 14, 2010 Public Review Start: Oct 18, 2013 Approval Date: May 1, 2014

ANSI/ASTM F3013-2013 (R2018), Test Method for Density of Topsoil and Blended Soils In-place by the Core Displacement Method (reaffirmation of ANSI/ASTM F3013-2013)
PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018
PINS Date:  
Public Review Start:  Sep 2, 2016  
Approval Date:  Oct 18, 2016

PINS Date:  
Public Review Start:  Mar 10, 2017  
Approval Date:  Apr 28, 2017

PINS Date:  
Public Review Start:  Sep 2, 2016  
Approval Date:  Oct 18, 2016

PINS Date:  
Public Review Start:  May 11, 2018  
Approval Date:  Jun 26, 2018

PINS Date:  May 6, 2016  
Public Review Start:  Apr 14, 2017  
Approval Date:  May 30, 2017

PINS Date:  
Public Review Start:  Mar 9, 2018  
Approval Date:  Apr 24, 2018

PINS Date:  
Public Review Start:  Apr 5, 2019  
Approval Date:  May 21, 2019

PINS Date:  
Public Review Start:  Jan 10, 2020  
Approval Date:  Feb 25, 2020

PINS Date:  
Public Review Start:  Sep 4, 2015  
Approval Date:  Nov 15, 2015

PINS Date:  
Public Review Start:  Jun 1, 2018  
Approval Date:  Jul 17, 2018

PINS Date:  
Public Review Start:  May 5, 2017  
Approval Date:  Jul 1, 2017

PINS Date:  
Public Review Start:  May 11, 2018  
Approval Date:  Jun 26, 2018
PINS Date: Public Review Start:  Nov 8, 2019
Approval Date:  Dec 24, 2019

PINS Date:  May 13, 2011
Public Review Start:  Mar 6, 2015
Approval Date:  Apr 21, 2015

PINS Date:  Jun 3, 2011
Public Review Start:  Aug 8, 2014
Approval Date:  Jan 1, 2015

PINS Date:  Oct 22, 2019
Public Review Start:  Sep 6, 2019
Approval Date:  Oct 22, 2019

PINS Date:  May 18, 2012
Public Review Start:  Aug 8, 2014
Approval Date:  Sep 23, 2014

PINS Date:  Oct 25, 2013
Public Review Start:  Aug 8, 2014
Approval Date:  Sep 23, 2014

PINS Date:  Mar 9, 2018
Public Review Start:  Apr 24, 2018

PINS Date:  Jul 6, 2018
Public Review Start:  Nov 1, 2018

ANSI/ASTM F3124-2017, Practice for Data Recording the Procedure used to Produce Heat Butt Fusion Joints in Plastic Piping Systems or Fittings  (new standard)
PINS Date:  May 6, 2016
Public Review Start:  Apr 14, 2017
Approval Date:  May 31, 2017

PINS Date:  May 6, 2016
Public Review Start:  Apr 14, 2017
Approval Date:  May 30, 2017

PINS Date:  Oct 5, 2018
Public Review Start:  Nov 20, 2018

PINS Date:  Oct 5, 2018
Public Review Start:  Mar 21, 2019

ANSI/ASTM F3137-2015, Headgear Used in Women’s Lacrosse (excluding goalkeepers)  (new standard)
PINS Date:  Mar 2, 2012
Public Review Start:  Mar 6, 2015
Approval Date:  Jul 1, 2015
PI NS Date:
Public Review Start: Jun 1, 2018
Approval Date: Aug 1, 2018

PI NS Date:
Public Review Start: May 11, 2018
Approval Date: Oct 1, 2018

PI NS Date:
Public Review Start: Jan 18, 2019
Approval Date: Jul 1, 2019

ANSI/ASTM F3165-2016, Specification for Throat Protective Equipment for Hockey Goaltenders (new standard)
PI NS Date: Jan 30, 2015
Public Review Start: Sep 4, 2015
Approval Date: Mar 15, 2016

ANSI/ASTM F3188-2016, Specification for Crumb Rubber Used as Synthetic Turf Infill (new standard)
PI NS Date: Nov 28, 2014
Approval Date: Jun 1, 2016

PI NS Date: Oct 8, 2010
Public Review Start: Nov 4, 2016
Approval Date: Jan 1, 2017

ANSI/ASTM F3190-2017, Practice for Heat Fusion Equipment (HFE) Operator Qualification on Polyethylene (PE) and Polyamide (PA) Pipe and Fittings (new standard)
PI NS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PI NS Date:
Public Review Start: Mar 15, 2019
Approval Date: Apr 30, 2019

PI NS Date:
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

ANSI/ASTM F3215-2016, Specification for Food Waste Dehydrators (new standard)
PI NS Date: Feb 13, 2015
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PI NS Date: Mar 18, 2016
Public Review Start: Sep 2, 2016
Approval Date: Oct 18, 2016

PI NS Date: Jul 12, 2013
Public Review Start: Nov 4, 2016
Approval Date: Dec 20, 2016

PI NS Date:
Public Review Start: Oct 5, 2018
Approval Date: Aug 1, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Date Approved</th>
<th>Date of Public Review Start</th>
<th>PINS Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASTM F3255-2019</td>
<td>Specification for Rapid Pull Down Refrigerators (Blast Chillers), Freezers (Blast Freezers), Combination Refrigerator/Freezer (Blast Chiller/Freezers), and Quick Chillers for Commercial Use</td>
<td>May 23, 2019</td>
<td>Feb 8, 2019</td>
<td>Nov 4, 2016</td>
</tr>
</tbody>
</table>
ANSI/ASTM F3313-2018, Test Method for Determining Impact Attenuation of Playground Surfaces Within the Use Zone of Playground Equipment as tested in the field (new standard)
PINS Date: Jun 16, 2017
Public Review Start: Sep 7, 2018
Approval Date: Dec 1, 2018

ANSI/ASTM F3313-2019, Test Method for Determining Impact Attenuation of Playground Surfaces Within the Use Zone of Playground Equipment as Tested in the Field (revision of ANSI/ASTM F3313-2018)
PINS Date: Mar 15, 2019
Public Review Start: Jul 6, 2018
Approval Date: Aug 21, 2018

ANSI/ASTM F3328-2018, Practice for the One-Step (Solvent Cement Only) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (new standard)
PINS Date: Feb 2, 2018
Public Review Start: Jul 6, 2018
Approval Date: Aug 21, 2018

ANSI/ASTM F3339-2020, Guide for Construction or Renovation of Native-soil Athletic Fields (new standard)
PINS Date: Dec 2, 2016
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date: Aug 4, 2017
Public Review Start: Sep 7, 2018
Approval Date: Oct 23, 2018

ANSI/ASTM F3346-2019, Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PE-RT/AL/PE-RT) Composite Pressure Pipe (new standard)
PINS Date: Aug 18, 2017
Public Review Start: Jan 18, 2019
Approval Date: Jun 1, 2019

PINS Date: Mar 16, 2018
Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date: Mar 15, 2019
Public Review Start: Apr 30, 2019

PINS Date: Oct 4, 2019
Approval Date: Nov 19, 2019

PINS Date: Jan 10, 2020
Approval Date: Feb 25, 2020

PINS Date: Mar 16, 2018
Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018

PINS Date: Mar 15, 2019
Approval Date: Apr 30, 2019
Approved American National Standards

PINS Date: Public Review Start: May 6, 2016 Approval Date: Jul 1, 2016

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Jun 1, 2016

PINS Date: Public Review Start: Mar 6, 2015 Approval Date: Jul 1, 2015

PINS Date: Public Review Start: Feb 2, 2018 Approval Date: Mar 20, 2018

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Apr 30, 2019

PINS Date: Aug 10, 2018 Public Review Start: Sep 28, 2018 Approval Date: May 1, 2019

PINS Date: Public Review Start: Jul 6, 2018 Approval Date: Aug 21, 2018

PINS Date: Jan 22, 2016 Public Review Start: Mar 10, 2017 Approval Date: Apr 28, 2017

PINS Date: Public Review Start: Oct 10, 2014 Approval Date: Nov 25, 2014

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 23, 2018

PINS Date: Public Review Start: Apr 5, 2013 Approval Date: May 21, 2013

PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 31, 2017

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020    PAGE | 365
PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: May 6, 2016
Public Review Start: Jul 7, 2017
Approval Date: Aug 22, 2017

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: May 6, 2016
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date: May 6, 2016
Public Review Start: Mar 31, 2017
Approval Date: May 16, 2017

PINS Date: May 6, 2016
Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019

PINS Date: May 6, 2016
Public Review Start: Mar 31, 2017
Approval Date: May 16, 2017

PINS Date: Public Review Start: Sep 6, 2019
Approval Date: Oct 22, 2019

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: Jan 22, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date: Public Review Start: Feb 2, 2018
Approval Date: Mar 20, 2018

PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017

PINS Date: Public Review Start: Mar 4, 2016
Approval Date: Apr 19, 2016

PINS Date: Public Review Start: Mar 10, 2017
Approval Date: Apr 28, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:  
Public Review Start:  Oct 4, 2019
Approval Date:  Nov 19, 2019

PINS Date:  
Public Review Start:  Mar 9, 2018
Approval Date:  Apr 24, 2018

PINS Date:  
Public Review Start:  Aug 4, 2017
Approval Date:  Sep 19, 2017

PINS Date:  
Public Review Start:  Sep 2, 2016
Approval Date:  Oct 18, 2016

PINS Date:  
Public Review Start:  Sep 2, 2016
Approval Date:  Mar 1, 2017

PINS Date:  
Public Review Start:  Aug 4, 2017
Approval Date:  Sep 19, 2017

PINS Date:  
Public Review Start:  Sep 7, 2018
Approval Date:  Oct 23, 2018

PINS Date:  
Public Review Start:  Sep 2, 2016
Approval Date:  Mar 1, 2017

PINS Date:  
Public Review Start:  Apr 6, 2018
Approval Date:  May 22, 2018

ANSI/ASTM F609-2013, Test Method for Using a Horizontal Pull Slipmeter (HPS) (new standard)
PINS Date:  
Public Review Start:  Apr 8, 2011
Approval Date:  Sep 1, 2013

PINS Date:  
Public Review Start:  Nov 2, 2018
Approval Date:  Dec 18, 2018

PINS Date:  
Public Review Start:  Oct 6, 2017
Approval Date:  Jan 1, 2018

PINS Date: Public Review Start: Oct 6, 2017
Approval Date: Mar 1, 2018


PINS Date: Public Review Start: Jul 6, 2018
Approval Date: Nov 1, 2018

ANSI/ASTM F655-2013, Specification For Test Carpets And Pads For Vacuum Cleaner Testing (revision of ANSI/ASTM F655-2011)

PINS Date: Public Review Start: Apr 5, 2013
Approval Date: Jun 1, 2013


PINS Date: May 6, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 31, 2017


PINS Date: Public Review Start: Oct 5, 2018
Approval Date: Nov 20, 2018


PINS Date: Public Review Start: Apr 7, 2017
Approval Date: May 23, 2017


PINS Date: Public Review Start: Apr 6, 2018
Approval Date: Sep 1, 2018


PINS Date: Public Review Start: Apr 6, 2018
Approval Date: Sep 1, 2018


PINS Date: Public Review Start: Feb 7, 2014
Approval Date: Aug 1, 2014

ANSI/ASTM F687-1991 (R2018), Practice for Use of Athletic Mouth Protectors (new standard)

PINS Date: Public Review Start: Dec 18, 2015
Approval Date: Mar 15, 2016

ANSI/ASTM F697-2016, Standard Practice for Care and Use of Athletic Mouth Protectors (new standard)

PINS Date: Public Review Start: Apr 6, 2018
Approval Date: Sep 1, 2018


PINS Date: Public Review Start: Apr 6, 2018
Approval Date: Sep 1, 2018


PINS Date: Public Review Start: Nov 2, 2018
Approval Date: Aug 1, 2019


PINS Date: Public Review Start: Apr 6, 2018
Approval Date: Sep 1, 2018


PINS Date: Public Review Start: Jul 12, 2019
Approval Date: Aug 20, 2019
- PINS Date:
- Public Review Start: Apr 7, 2017
- Approval Date: May 23, 2017

- PINS Date:
- Public Review Start: Apr 6, 2018
- Approval Date: May 22, 2018

- PINS Date:
- Public Review Start: Oct 5, 2018
- Approval Date: Nov 20, 2018

- PINS Date:
- Public Review Start: Oct 6, 2017
- Approval Date: Nov 21, 2017

- PINS Date:
- Public Review Start: Apr 7, 2017
- Approval Date: May 23, 2017

- PINS Date:
- Public Review Start: Nov 8, 2019
- Approval Date: Dec 24, 2019

- PINS Date:
- Public Review Start: Mar 9, 2018
- Approval Date: Apr 24, 2018

- PINS Date:
- Public Review Start: Jun 10, 2016
- Approval Date: Jan 1, 2017
PINS Date: Public Review Start: Jun 10, 2016 Approval Date: Jan 1, 2017

PINS Date: Public Review Start: Jun 10, 2016 Approval Date: Jan 1, 2017

PINS Date: Public Review Start: Jun 10, 2016 Approval Date: Jan 1, 2017

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Apr 6, 2018 Approval Date: Sep 1, 2018

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Apr 6, 2018 Approval Date: May 22, 2018

PINS Date: Public Review Start: Jul 10, 2015 Approval Date: Sep 18, 2015

PINS Date: Public Review Start: Nov 2, 2018 Approval Date: Dec 18, 2018


PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 30, 2017

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 22, 2017
PINS Date: Mar 15, 2019
Public Review Start: Jul 1, 2019
Approval Date: Jul 1, 2019

PINS Date: Jul 12, 2019
Public Review Start: Aug 20, 2019
Approval Date: Aug 20, 2019

PINS Date: Jan 22, 2016
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date: Mar 9, 2018
Public Review Start: Apr 24, 2018
Approval Date: Aug 21, 2018

PINS Date: Jul 6, 2018
Public Review Start: Aug 21, 2018
Approval Date: Nov 19, 2019

PINS Date: Oct 4, 2019
Public Review Start: Nov 19, 2019
Approval Date: Jan 21, 2020

PINS Date: Sep 2, 2016
Approval Date: Oct 18, 2016

PINS Date: Apr 7, 2017
Public Review Start: May 23, 2017
Approval Date: May 23, 2017

PINS Date: Sep 7, 2018
Public Review Start: Oct 23, 2018
Approval Date: Oct 23, 2018

PINS Date: Aug 23, 2016
Approval Date: Aug 23, 2016

ANSI/ASTM F894-2017, Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe (new standard)
PINS Date: May 30, 2017
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date: Mar 5, 2019
Public Review Start: Jan 18, 2019
Approval Date: Mar 5, 2019
Approved American National Standards

PINS Date: Public Review Start: Jan 5, 2018 Approval Date: Feb 20, 2018

PINS Date: Public Review Start: Jan 10, 2020 Approval Date: Feb 25, 2020

PINS Date: Public Review Start: Mar 6, 2015 Approval Date: Apr 21, 2015

ANSI/ASTM F913-2017, Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (new standard)
PINS Date: May 6, 2016 Public Review Start: Apr 14, 2017 Approval Date: May 31, 2017

PINS Date: Sep 6, 2019 Public Review Start: Oct 22, 2019

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 21, 2020

PINS Date: Public Review Start: Jul 10, 2015 Approval Date: Sep 18, 2015

PINS Date: Public Review Start: Sep 2, 2016 Approval Date: Oct 18, 2016

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 24, 2019

PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Dec 26, 2017

PINS Date: Public Review Start: Sep 6, 2019 Approval Date: Oct 22, 2019

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Oct 1, 2018

The data in this document is reported as of Monday, June 15, 2020
PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Oct 1, 2018

PINS Date:
Public Review Start: May 6, 2011
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Nov 4, 2011
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Oct 5, 2012
 Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Jan 11, 2013
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Aug 9, 2013
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Dec 6, 2013
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Sep 5, 2014
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Jul 10, 2015
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Nov 6, 2015
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Apr 1, 2016
Approval Date: Aug 1, 2016

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: May 23, 2017

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 24, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Reaffirmation Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: May 8, 2015
Approval Date: Apr 1, 2016

ATCC (American Type Culture Collection)
www.atcc.org

ANSI/ATCC ASN-0001-2015, Standardization of in vitro Assays to Determine Anthrax Toxin Activities (revision and redesignation of ANSI/ATCC ASN-0001-2009)
PINS Date: Oct 24, 2014
Public Review Start: Dec 12, 2014
Approval Date: May 19, 2015

ANSI/ATCC ASN-0002-2011, Authentication of Human Cell Lines: Standardization of STR Profiling (new standard)
PINS Date: Oct 31, 2008
Public Review Start: Sep 23, 2011
Approval Date: Jan 25, 2012

ANSI/ATCC ASN-0003-2015, Species-Level Identification of Animal Cells through Mitochondrial Cytochrome c Oxidase Subunit 1 (CO1) DNA Barcodes (new standard)
PINS Date: Nov 22, 2013
Public Review Start: Sep 18, 2015
Approval Date: Dec 22, 2015

ATIS (Alliance for Telecommunications Industry Solutions)
www.atis.org

ANSI ATIS 0100036-2013 (R2018), Media Plane Performance Security Impairments for Evolving VoIP/Multimedia Networks (reaffirmation of ANSI ATIS 0100036-2013)
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Jan 24, 2018

ANSI ATIS 0100514-2009 (S2019), Network Performance Parameters and Objectives for Dedicated Digital Services – SONET Bit Rates (stabilized maintenance of ANSI ATIS 0100514-2009 (R2014))
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

ANSI ATIS 0100522-2000 (S2019), Quality of Service for Business Multimedia Conferencing (stabilized maintenance of ANSI ATIS 0100522-2000 (R2014))
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

ANSI ATIS 0300204-2008 (S2018), Operations, Administration, Maintenance, and Provisioning (OAM&P) Lower-Layer Protocols for Telecommunications Management Network (TMN) Interfaces, Q and X Interfaces (stabilized maintenance of ANSI ATIS 0300204-2008 (R2013))
PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: May 7, 2018

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: May 7, 2018

ANSI ATIS 0300216-2013 (R2018), Integrated Services Digital Network (ISDN) Management – Basic Rate Physical Layer (reaffirmation of ANSI ATIS 0300216-2013)
PINS Date:
Public Review Start: Aug 24, 2018
Approval Date: Nov 29, 2018

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 375
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINs Date:</td>
<td>PINs Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Jun 29, 2018</td>
<td>Apr 4, 2014</td>
</tr>
<tr>
<td>Aug 23, 2018</td>
<td>Jun 2, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINs Date:</td>
<td>PINs Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Dec 21, 2018</td>
<td>Oct 13, 2017</td>
</tr>
<tr>
<td>Mar 12, 2019</td>
<td>Apr 6, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINs Date:</td>
<td>PINs Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Nov 22, 2019</td>
<td>Apr 15, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINs Date:</td>
<td>PINs Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>May 11, 2018</td>
<td>Nov 19, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINs Date:</td>
<td>PINs Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Jun 29, 2018</td>
<td>Dec 28, 2018</td>
</tr>
<tr>
<td>Aug 31, 2018</td>
<td>Mar 8, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI ATIS 0600010-2014, Temperature, Humidity, &amp; Altitude Standards (revision of ANSI ATIS 0600010-2007)</th>
<th>ANSI ATIS 0700004.a-2008 (S2017), Supplement to ATIS High Capacity-Spatial Division Multiple Access (HC-SDMA) Radio Interface Standard (stabilized maintenance of ANSI ATIS 0700004.a-2008 (R2013))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINs Date:</td>
<td>PINs Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Oct 14, 2011</td>
<td>Sep 15, 2017</td>
</tr>
<tr>
<td>Jan 21, 2014</td>
<td>Nov 7, 2017</td>
</tr>
<tr>
<td>ANSI ATIS 0700706-1997 (S2017), Stage 1 Service Description for Personal Communications Service - Enhanced Priority Access and Channel Assignment (PACA-E) Supplementary Service (stabilized maintenance of ANSI ATIS 0700706-1997 (R2013))</td>
<td>ANSI ATIS 09000105.09-2013 (R2018), Synchronous Optical Network (SONET) - Network Timing and Synchronization (reaffirmation of ANSI ATIS 09000105.09-2013)</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>PINS Date: Public Review Start: Sep 15, 2017 Approval Date: Nov 7, 2017</td>
<td>PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Jan 24, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Sep 15, 2017 Approval Date: Nov 7, 2017</td>
<td>PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Jan 24, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Feb 15, 2019 Approval Date: Nov 19, 2019</td>
<td>PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Jan 24, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI ATIS 09000002-2009 (S2019), Synchronization Standard - Physical Interconnection for Intra-Office Ethernet-Based Timing Distribution (stabilized maintenance of ANSI ATIS 09000002-2009 (R2014))</th>
<th>ANSI ATIS 1000026-2008 (S2018), Session Border Controller Functions and Requirements (stabilized maintenance of ANSI ATIS 1000026-2008 (R2013))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Dec 28, 2018 Approval Date: Mar 8, 2019</td>
<td>PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 27, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI ATIS 09000101-2013 (R2018), Synchronization Interface Standard (reaffirmation of ANSI ATIS 09000101-2013)</th>
<th>ANSI ATIS 1000028-2008 (S2018), IP Device (SIP UA) to Network Interface Standard (stabilized maintenance of ANSI ATIS 1000028-2008 (R2013))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Jan 24, 2018</td>
<td>PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 27, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI ATIS 0900105.03-2013 (R2018), Synchronous Optical Network (SONET) - Jitter at Network Interfaces (reaffirmation of ANSI ATIS 0900105.03-2013)</th>
<th>ANSI ATIS 1000029-2008 (S2018), Security Requirements for NGN (stabilized maintenance of ANSI ATIS 1000029-2008 (R2013))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Jan 24, 2018</td>
<td>PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 27, 2018</td>
</tr>
</tbody>
</table>
ANSI ATIS 1000030-2008 (S2018), Authentication and Authorization Requirements for Next Generation Network (NGN) (stabilized maintenance of ANSI ATIS 1000030-2008 (R2013))
PINS Date:  
Public Review Start: Nov 24, 2017  
Approval Date: Feb 27, 2018

PINS Date:  
Public Review Start: Jun 21, 2019  
Approval Date: Sep 9, 2019

PINS Date:  
Public Review Start: Nov 24, 2017  
Approval Date: Feb 27, 2018

PINS Date:  
Public Review Start: Jun 21, 2019  
Approval Date: Sep 9, 2019

ANSI ATIS 1000114-2004 (S2018), Signaling System Number 7 (SS7) – Transaction Capabilities Application Part (TCAP) (stabilized maintenance of ANSI ATIS 1000114-2004 (R2014))
PINS Date:  
Public Review Start: Jun 21, 2019  
Approval Date: Sep 9, 2019

ANSI ATIS 1000603-2014 (R2019), ISDN - Minimal Set of Bearer Services for the Basic Rate Interface (reaffirmation of ANSI ATIS 1000604-2014)
PINS Date:  
Public Review Start: Jun 21, 2019  
Approval Date: Sep 9, 2019

ANSI ATIS 1000604-2014 (R2019), ISDN - Minimal Set of Bearer Services for the Primary Rate Interface (reaffirmation of ANSI ATIS 1000604-2014)
PINS Date:  
Public Review Start: Jun 21, 2019  
Approval Date: Sep 9, 2019

PINS Date:  
Public Review Start: Apr 11, 2014  
Approval Date: Jun 2, 2014

ANSI ATIS 1000609-2014 (R2019), Interworking between the ISDN User-Network Interface Protocol and Signalling System Number 7 ISDN User Part (reaffirmation of ANSI ATIS 1000609-2014)
PINS Date:  
Public Review Start: Jun 21, 2019  
Approval Date: Sep 9, 2019

ANSI ATIS 1000610-1998 (S2018), Generic Procedures for the Control of ISDN Supplementary Services (stabilized maintenance of ANSI ATIS 1000610-1998 (R2013))
PINS Date:  
Public Review Start: Nov 24, 2017  
Approval Date: Feb 27, 2018

ANSI ATIS 1000610.a-1998 (S2018), Generic Procedures for the Control of ISDN Supplementary Services, Modification to the Redirection Number Information Element (stabilized maintenance of ANSI ATIS 1000610.a-1998 (R2013))
PINS Date:  
Public Review Start: Nov 24, 2017  
Approval Date: Feb 27, 2018

ANSI ATIS 1000611-1991 (S2018), Signaling System Number 7 (SS7) - Supplementary Services for Non-ISDN Subscribers (stabilized maintenance of ANSI ATIS 1000611-1991 (R2013))
PINS Date:  
Public Review Start: Nov 24, 2017  
Approval Date: Feb 27, 2018
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 27, 2018

ANSI ATIS 1000615-2014 (R2019), Digital Subscriber Signaling System No. 1 (DSS1) - Layer 3 Overview (reaffirmation of ANSI ATIS 1000615-2014)
PINS Date:
Public Review Start: Jul 5, 2019
Approval Date: Sep 9, 2019

PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 27, 2018

ANSI ATIS 1000621-2014 (R2019), ISDN - User to User Signaling Supplementary Service (reaffirmation of ANSI ATIS 1000621-2014)
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

ANSI ATIS 1000622-1999 (S2018), Message Waiting Indicator Control and Notification Supplementary Services and Associated Switching and Signaling Specifications (stabilized maintenance of ANSI ATIS 1000622-1999 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 27, 2018

ANSI ATIS 1000622.a-1998 (S2018), Supplement to ATIS-1000622: Message Waiting Indicator Control and Notification Supplementary Services and Associated Switching and Signaling Specifications (stabilized maintenance of ANSI ATIS 1000622.a-1998 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 27, 2018

ANSI ATIS 1000623-2014 (R2019), Digital Subscriber Signaling System No. 1 (DSS1) - Signaling Specification for the User Signaling Bearer Service (reaffirmation of ANSI ATIS 1000623-2014)
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

ANSI ATIS 1000625-1993 (S2018), Integrated Services Digital Network (ISDN) - Calling Line Identification Presentation and Restriction Supplementary Services (stabilized maintenance of ANSI ATIS 1000625-1993 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 27, 2018

ANSI ATIS 1000625.a-1998 (S2018), Integrated Services Digital Network (ISDN) - Calling Line Identification Presentation and Restriction Supplementary Services (stabilized maintenance of ANSI ATIS 1000625.a-1998 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 27, 2018

ANSI ATIS 1000627-2014 (R2019), Broadband ISDN - ATM Layer Functionality and Specification (reaffirmation of ANSI ATIS 1000627-2014)
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

ANSI ATIS 1000632-1993 (R2019), ISDN Supplementary Service Normal Call Transfer (reaffirmation of ANSI ATIS 1000632-1993 (R2014))
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

ANSI ATIS 1000641-2014 (R2019), Calling Name Identification (reaffirmation of ANSI ATIS 1000641-2014)
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI ATIS 1000642-2014 (R2019), ISDN - Call Deflection Supplementary Service (reaffirmation of ANSI ATIS 1000642-2014)
PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

ANSI ATIS 1000643-1998 (S2018), Integrated Services Digital Network (ISDN) - Explicit Call Transfer Supplementary Service (stabilized maintenance of ANSI ATIS 1000643-1998 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 27, 2018

ANSI ATIS 1000645-1995 (S2018), B-ISDN Signaling ATM Adaptation Layer - Service Specific Coordination Function for Support of Signaling at the Network Node Interface (SSCF at the NNI) (stabilized maintenance of ANSI ATIS 1000645-1995 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 6, 2018

ANSI ATIS 1000654-1996 (S2018), Broadband Integrated Services Digital Network (B-ISDN) - Operations and Maintenance Principles and Functions (stabilized maintenance of ANSI ATIS 1000654-1996 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 6, 2018

ANSI ATIS 1000660-1998 (S2018), Signaling System Number 7 - Call Completion to a Portable Number - Integrated Text (stabilized maintenance of ANSI ATIS 1000660-1998 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 6, 2018

ANSI ATIS 1000665-1997 (S2018), Broadband ISDN - Overview of ANSI B-ISDN NNI Signaling Capability Set 2, Step 1 (stabilized maintenance of ANSI ATIS 1000665-1997 (R2013))
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 6, 2018

ANSI ATIS 1000678.a.v2-2007 (S2018), Supplement A to ANSI ATIS 1000678.v2-2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (stabilized maintenance of ANSI ATIS 1000678.a.v2-2007 (R2013))
PINS Date:
Public Review Start: Apr 13, 2018
Approval Date: Jun 27, 2018

ANSI ATIS 1000678.b.v2-2010 (R2018), Supplement B to ATIS-1000678.v2.2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (reaffirmation of ANSI ATIS 1000678.b.v2-2010 (R2013))
PINS Date:
Public Review Start: Apr 13, 2018
Approval Date: Jun 12, 2018

PINS Date:
Public Review Start: Apr 13, 2018
Approval Date: Jun 27, 2018

PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Feb 6, 2018

PINS Date:
Public Review Start: Mar 18, 2016
Approval Date: May 13, 2016

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ATIS 0100012-2019, Standard Outage Classification (revision of ANSI ATIS 0100012-2013)</td>
<td>PINS Date: Sep 8, 2017 Public Review Start: Feb 1, 2019 Approval Date: Jul 15, 2019</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Jan 24, 2020 Approval Date: Jun 8, 2020

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 6, 2018

PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 6, 2018

ANSI/ATIS 0100510-1999 (S2018), Network Performance Parameters for Dedicated Digital Services for Rates Up to and Including DS3 - Specifications (stabilized maintenance of ANSI/ATIS 0100510-1999 (R2013))
PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 6, 2018

PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 6, 2018

PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 6, 2018

PINS Date: Public Review Start: Nov 24, 2017 Approval Date: Feb 6, 2018

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 6, 2018</td>
<td>Approval Date: May 13, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 6, 2018</td>
<td>Approval Date: Feb 6, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Jan 24, 2020</td>
<td>Public Review Start: Jan 24, 2020</td>
</tr>
<tr>
<td>Approval Date: Jun 8, 2020</td>
<td>Approval Date: Jun 8, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Jul 19, 2019</td>
<td>Approval Date: May 13, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 6, 2018</td>
<td>Approval Date: Feb 6, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Mar 18, 2016</td>
<td>Public Review Start: Mar 9, 2018</td>
</tr>
<tr>
<td>Approval Date: May 13, 2016</td>
<td>Approval Date: Apr 20, 2018</td>
</tr>
<tr>
<td>Approval Date: May 13, 2016</td>
<td>Approval Date: Jun 13, 2018</td>
</tr>
</tbody>
</table>
PINS Date: Jul 22, 2016
Approval Date: Jan 3, 2017

PINS Date: 
Public Review Start: Feb 3, 2017
Approval Date: Mar 27, 2017

PINS Date: Sep 5, 2014
Approval Date: Jan 7, 2015

ANSI/ATIS 0300075-2018, Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (revision of ANSI/ATIS 0300075-2012)
PINS Date: Mar 17, 2017
Public Review Start: Feb 2, 2018
Approval Date: Mar 29, 2018

ANSI/ATIS 0300091-2018, Structure for Global Serialization of Information and Communications Technology (ICT) Network Infrastructure Equipment (revision of ANSI ATIS 0300091-2012)
PINS Date: Oct 28, 2016
Public Review Start: Feb 2, 2018
Approval Date: Mar 29, 2018

ANSI/ATIS 0300094-2019, Trouble Type Codes in Support of ATIS Trouble Administration Standards (revision of ANSI/ATIS 0300094-2015)
PINS Date: Dec 28, 2018
Public Review Start: Mar 22, 2019
Approval Date: Jul 31, 2019

ANSI/ATIS 0300097-2017, Structure for the Identification of Communications Connections for Information Exchange (revision of ANSI/ATIS 0300097-2013)
PINS Date: Mar 17, 2017
Public Review Start: Apr 28, 2017
Approval Date: Jun 15, 2017

PINS Date: Sep 5, 2014
Public Review Start: Apr 24, 2015
Approval Date: Jun 17, 2015

PINS Date: 
Public Review Start: Jul 22, 2016
Approval Date: Sep 16, 2016

PINS Date: 
Approval Date: Dec 11, 2015

PINS Date: Mar 9, 2018
Public Review Start: Apr 20, 2018
Approval Date: Jun 13, 2018

PINS Date: Sep 5, 2014
Public Review Start: Oct 31, 2009
Approval Date: Jan 7, 2015
ANSI/ATIS 0300231.03-2019, DS3 - Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.03-2013)
PINS Date: Dec 28, 2018
Public Review Start: Mar 22, 2019
Approval Date: Jul 31, 2019

ANSI/ATIS 0300231.04-2019, SONET-- Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.04-2013)
PINS Date: Dec 28, 2018
Public Review Start: Mar 22, 2019
Approval Date: Jul 31, 2019

ANSI/ATIS 0300232-2012 (R2017), Human-to-Machine Interface Specification for Telecommunications Management (reaffirmation of ANSI/ATIS 0300232-2012)
PINS Date: 
Public Review Start: Mar 17, 2017
Approval Date: May 11, 2017

ANSI/ATIS 0300234-2000 (S2015), Signalling System Number 7 (SS7) - MTP Levels 2 and 3 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300234-2000 (R2010))
PINS Date: 
Approval Date: Dec 11, 2015

ANSI/ATIS 0300235-2000 (S2015), Signalling System 7 (SS7) - SCCP Class 0 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300235-2000 (R2010))
PINS Date: 
Approval Date: Dec 11, 2015

ANSI/ATIS 0300236-2005 (S2016), Signaling System 7 (SS7) - ISDN User Part Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300236-2005 (R2011))
PINS Date: 
Public Review Start: Jul 22, 2016
Approval Date: Sep 16, 2016

PINS Date: 
Approval Date: Dec 11, 2015

PINS Date: 
Approval Date: Dec 15, 2015

ANSI/ATIS 0300245-2019, Directory Services for Telecommunications Management Network (TMN) and Synchronous Optical Network (SONET) (revision of ANSI ATIS 0300245-2013)
PINS Date: Dec 28, 2018
Public Review Start: Mar 22, 2019
Approval Date: Jul 31, 2019

PINS Date: Apr 27, 2018
Public Review Start: Jun 8, 2018
Approval Date: Aug 22, 2018

PINS Date: Mar 1, 2019
Public Review Start: Nov 22, 2019
Approval Date: Jan 13, 2020

ANSI/ATIS 0300253-2020, Structure for the Representation of Location Entities for Information Exchange (revision of ANSI/ATIS 0300253-2016)
PINS Date: Mar 1, 2019
Public Review Start: Nov 22, 2019
Approval Date: Jan 13, 2020
PINS Date: 
Approval Date:  Dec 11, 2015

ANSI/ATIS 0300269-2006 (S2016), Structure and Representation of Trace Message Formats for Information Exchange (stabilized maintenance of ANSI/ATIS 0300269 -2006 (R2011))
PINS Date:  
Public Review Start:  Sep 30, 2016
Approval Date:  Nov 22, 2016

PINS Date:  Sep 27, 2013
Public Review Start:  Dec 16, 2016
Approval Date:  Feb 14, 2017

PINS Date:  
Public Review Start:  Aug 15, 2014
Approval Date:  Mar 13, 2015

ANSI/ATIS 0600003-2018, Battery Enclosure and Rooms/Areas (revision of ANSI/ATIS 0600003-2007 (R2012))
PINS Date:  Oct 21, 2016
Public Review Start:  Mar 9, 2018
Approval Date:  May 7, 2018

PINS Date:  May 22, 2015
Public Review Start:  Aug 25, 2017
Approval Date:  Nov 17, 2017

PINS Date:  Jun 2, 2017
Public Review Start:  Nov 3, 2017
Approval Date:  Dec 21, 2017

ANSI/ATIS 0600010.01-2017, Temperature, Humidity, Altitude, and Salt Fog Requirements for Network Telecommunications Equipment Utilized in Outside Plant Environments (revision of ANSI ATIS 0600010.01-2014)
PINS Date:  Oct 21, 2016
Public Review Start:  Dec 2, 2016
Approval Date:  Jan 30, 2017

ANSI/ATIS 0600010.02-2012 (R2017), Equipment Handling, Transportation Vibration, and Rail Car Shock Requirements for Network Communications Equipment (reaffirmation of ANSI/ATIS 0600010.02-2012)
PINS Date:  
Public Review Start:  Jan 20, 2017
Approval Date:  Mar 9, 2017

ANSI/ATIS 0600010.03-2011 (R2016), Heat Dissipation Requirements for Network Telecommunications Equipment (reaffirmation of ANSI/ATIS 0600010.03-2011)
PINS Date:  
Public Review Start:  Jun 3, 2016
Approval Date:  Jul 22, 2016

ANSI/ATIS 0600010.04-2017, Operational Vibration Requirements for Communications Equipment (revision of ANSI/ATIS 0600010.04-2011)
PINS Date:  Oct 21, 2016
Public Review Start:  Dec 2, 2016
Approval Date:  Jun 15, 2017

PINS Date:  Jun 2, 2017
Public Review Start:  Mar 30, 2018
Approval Date:  May 21, 2018
ANSI/ATIS 0600015.01-2014, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting -- Server Requirements
(revision of ANSI/ATIS 0600015.01-2009)
PINS Date: Mar 8, 2013
Public Review Start: Sep 26, 2014
Approval Date: Nov 17, 2014

(revision of ANSI ATIS 0600015.02-2014)
PINS Date: May 22, 2015
Public Review Start: Sep 11, 2015
Approval Date: Mar 21, 2016

ANSI/ATIS 0600015.03-2016, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products
(revision of ANSI ATIS 0600015.03-2013)
PINS Date: Jun 10, 2016
Public Review Start: Jul 15, 2016
Approval Date: Aug 30, 2016

(revision of ANSI ATIS 0600015.04-2016)
PINS Date: Feb 24, 2017
Public Review Start: Oct 27, 2017
Approval Date: Dec 14, 2017

(revision of ANSI ATIS 0600015.07-2013)
PINS Date: Jun 2, 2017
Public Review Start: Jun 1, 2018
Approval Date: Aug 22, 2018

(reaffirmation of ANSI/ATIS 0600015.08-2014)
PINS Date:
Public Review Start: Jul 12, 2019
Approval Date: Nov 19, 2019

ANSI/ATIS 0600015.09-2015, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting of Base Station Metrics
(new standard)
PINS Date: Sep 26, 2014
Public Review Start: May 15, 2015
Approval Date: Jul 8, 2015

(new standard)
PINS Date: Mar 8, 2013
Public Review Start: May 22, 2015
Approval Date: Jul 9, 2015

(new standard)
PINS Date: Feb 27, 2015
Public Review Start: Sep 11, 2015
Approval Date: Mar 21, 2016

(new standard)
PINS Date: Jul 3, 2015
Public Review Start: Apr 1, 2016
Approval Date: May 27, 2016

(new standard)
PINS Date: Oct 21, 2016
Public Review Start: Dec 2, 2016
Approval Date: Jan 19, 2017

ANSI/ATIS 0600016-2018, Remote End POTS Splitter Requirements
(revision of ANSI ATIS 0600016-2008 (R2013))
PINS Date: Oct 13, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jan 17, 2018
ANSI/ATIS 0600026-2010 (S2020), Network End POTS Splitter Requirements (stabilized maintenance of ANSI/ATIS 0600026-2010 (R2015))
PINS Date: Public Review Start: Jan 3, 2020 Approval Date: Mar 19, 2020

ANSI/ATIS 0600028-2016, DC Power Wire and Cable for Telecommunications Power Systems - for XHHW and DLO/Halogenated RHW-RHH Cable Types (revision of ANSI ATIS 0600028-2011)
PINS Date: Feb 12, 2016 Public Review Start: Apr 1, 2016 Approval Date: May 27, 2016

ANSI/ATIS 0600029-2019, Standard for Irreversible Compression Lugs, Inline Splices, and Taps (revision of ANSI ATIS 0600029-2013)
PINS Date: Oct 20, 2017 Public Review Start: Feb 22, 2019 Approval Date: Nov 19, 2019

ANSI/ATIS 0600030-2016, Line Powering of Telecommunications Equipment on Outside Plant (OSP) Twisted Copper Pair Loops (new standard)
PINS Date: Apr 26, 2013 Public Review Start: Sep 2, 2016 Approval Date: Nov 7, 2016

ANSI/ATIS 0600031-2019, (Pumped) Distributed Refrigerant Cooling – Standardized Infrastructure (revision of ANSI ATIS 0600031-2014)
PINS Date: Oct 20, 2017 Public Review Start: Jul 12, 2019 Approval Date: Nov 19, 2019

ANSI/ATIS 0600035-2018, Recommended Maintenance Routines and Frequencies for Central Office Backup Power (new standard)
PINS Date: May 22, 2015 Public Review Start: Jun 1, 2018 Approval Date: Jul 27, 2018

PINS Date: Public Review Start: Jan 16, 2015 Approval Date: Mar 17, 2015

ANSI/ATIS 0600107.a-2005 (S2015), Digital Hierarchy - Formats Specification (Virtual Concatenation and LCAS) (Supplement to ATIS-0600107) (stabilized maintenance of ANSI/ATIS 0600107a-2005 (R2010))
PINS Date: Public Review Start: Jan 16, 2015 Approval Date: Mar 12, 2015

PINS Date: Oct 20, 2017 Public Review Start: Mar 9, 2018 Approval Date: May 7, 2018

PINS Date: Oct 21, 2016 Public Review Start: Dec 2, 2016 Approval Date: Jan 6, 2017

ANSI/ATIS 0600313-2018, Electrical Protection for Telecommunications Central Offices and Similar Type Facilities (revision of ANSI ATIS 0600313-2013)
PINS Date: Oct 13, 2017 Public Review Start: Nov 2, 2018 Approval Date: Dec 31, 2018

ANSI/ATIS 0600315-2018, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI ATIS 0600315-2013)
PINS Date: Oct 20, 2017 Public Review Start: Dec 1, 2017 Approval Date: Jan 24, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Jan 3, 2020
Public Review Start: Jan 3, 2020
Approval Date: Mar 19, 2020

PINS Date: Oct 13, 2017
Public Review Start: Nov 2, 2018
Approval Date: Dec 31, 2018

PINS Date: Oct 20, 2017
Public Review Start: Jan 24, 2018
Approval Date: Jan 24, 2018

PINS Date: May 22, 2015
Approval Date: Mar 21, 2016

ANSI/ATIS 0600320-2015, Above-Baseline Electrical Protection for Designated Telecommunications Central Offices and Similar-Type Facilities Against High-Altitude Electromagnetic Pulse (HEMP) (revision of ANSI/ATIS 0600320-2010)
PINS Date: Feb 27, 2015
Public Review Start: May 22, 2015
Approval Date: Aug 27, 2015

PINS Date: Feb 27, 2015
Public Review Start: Apr 10, 2015
Approval Date: Jun 2, 2015

PINS Date: Oct 20, 2017
Public Review Start: Dec 1, 2017
Approval Date: Jan 24, 2018

PINS Date: Oct 20, 2017
Public Review Start: Dec 1, 2017
Approval Date: Jan 24, 2018

PINS Date: Feb 27, 2015
Approval Date: Sep 25, 2015

PINS Date: Jun 26, 2015
Public Review Start: Sep 11, 2015
Approval Date: Oct 30, 2015

ANSI/ATIS 0600333-2013 (R2018), Grounding and Bonding of Telecommunications Equipment (reaffirmation of ANSI ATIS 0600333-2013)
PINS Date: Oct 13, 2017
Public Review Start: Jun 1, 2018
Approval Date: Jul 27, 2018

ANSI/ATIS 0600334-2019, Electrical Protection of Communications Towers and Associated Structures (revision of ANSI ATIS 0600334-2013)
PINS Date: Oct 13, 2017
Public Review Start: May 24, 2019
Approval Date: Nov 19, 2019
PINS Date: Feb 21, 2014
Public Review Start: Sep 26, 2014
Approval Date: Feb 13, 2015

ANSI/ATIS 0600337-2019, Requirements for Maximum Voltage, Current, and Power Levels Used in Communications Circuits (revision of ANSI/ATIS 0600337-2016)
PINS Date: Feb 22, 2019
Public Review Start: May 24, 2019
Approval Date: Nov 19, 2019

ANSI/ATIS 0600338-2016, Electrical Coordination of Primary and Secondary Surge Protection for Use in Telecommunications Circuits (revision of ANSI/ATIS 0600338-2010)
PINS Date: Feb 27, 2015
Public Review Start: Feb 12, 2016
Approval Date: Apr 12, 2016

ANSI/ATIS 0600401.02-2000 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Distinctive Ringing Features (stabilized maintenance of ANSI/ATIS 0600401.02-2000 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

ANSI/ATIS 0600401.03-1998 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Calling Number Delivery, Calling Name Delivery, or Visual Message-Waiting Indicator Features (stabilized maintenance of ANSI/ATIS 0600401.03-1998 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

ANSI/ATIS 0600401.04-2000 (S2015), Network and Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with the Call Waiting, Distinctive Call Waiting, or Calling Identity Delivery on Call Waiting Feature (stabilized maintenance of ANSI/ATIS 0600401.04-2000 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

ANSI/ATIS 0600401.05-2000 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Network-Implemented Coin-Operated Payphone Feature (stabilized maintenance of ANSI/ATIS 0600401.05-2000 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

ANSI/ATIS 0600403-1999 (S2015), Network and Customer Installation Interfaces - DS1 Electrical Interfaces (stabilized maintenance of ANSI ATIS 0600403-1999 (R2012))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 17, 2015
ANSI/ATIS 0600403.01-1999 (S2015), Network and Customer Installation Interfaces - (ISDN) Primary Rate Layer 1 Electrical Interfaces Specification (stabilized maintenance of ANSI/ATIS 0600403.01-1999 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

ANSI/ATIS 0600403.02-1999 (S2015), Network and Customer Installation Interfaces - DS1 - Robbed-Bit Signaling State Definitions (stabilized maintenance of ANSI/ATIS 0600403.02-1999 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

ANSI/ATIS 0600403.02.a-2001 (S2015), Supplement to ATIS-0600403.02.1999(R2005) - Network and Customer Installation Interfaces - DS1 Robbed-bit Signaling State Definitions (stabilized maintenance of ANSI/ATIS 0600403.02.a-2001 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 10, 2015

ANSI/ATIS 0600403.a-2001 (S2015), Supplement to ATIS-0600403.1999(R2007) - Network to Customer Installation Interfaces - DS1 Electrical Interfaces (stabilized maintenance of ANSI/ATIS 0600403.a-2001 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 12, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 11, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 17, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 10, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 11, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 9, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 9, 2015
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 9, 2015

ANSI/ATIS 0600410-2001 (S2015), Network-to-Customer Electrical Interface - Digital Data at 64 kbit/s and Subrates (stabilized maintenance of ANSI/ATIS 0600410-2001 (R2011))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 9, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 9, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 11, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 11, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 11, 2015

ANSI/ATIS 0600416.03-1999 (S2015), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Electrical (stabilized maintenance of ANSI/ATIS 0600416.03-1999 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 11, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 11, 2015

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 9, 2015
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(stabilized maintenance of ANSI/ATIS 0600418-2002 (R2011))</td>
<td>(stabilized maintenance of ANSI ATIS 0600426-2004 (R2014))</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 9, 2015</td>
<td>Approval Date: Mar 5, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/ATIS 0600418.a-2004 (S2015), High bit rate Digital Subscriber Line - 2nd Generation (HDSL2/HDSL4), Issue 2</th>
<th>ANSI/ATIS 0600427.01-2004 (S2015), ATM - Based Multi-Pair Bonding</th>
</tr>
</thead>
<tbody>
<tr>
<td>(stabilized maintenance of ANSI ATIS 0600418.a-2004 (R2014))</td>
<td>(stabilized maintenance of ANSI ATIS 0600427.01-2004 (R2014))</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 9, 2015</td>
<td>Approval Date: Mar 5, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/ATIS 0600421-2001 (S2015), In-Line Filter for Use with Voiceband Terminal Equipment Operating on the Same Wire Pair with High Frequency (up to 12 MHz) Devices</th>
<th>ANSI/ATIS 0600427.02-2005 (S2015), Ethernet-based Multi-Pair Bonding</th>
</tr>
</thead>
<tbody>
<tr>
<td>(stabilized maintenance of ANSI/ATIS 0600421-2001 (R2011))</td>
<td>(stabilized maintenance of ANSI/ATIS 0600427.02-2005 (R2010))</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 10, 2015</td>
<td>Approval Date: Mar 11, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/ATIS 0600422-2001 (S2015), Single-Pair High-Speed Digital Subscriber Line (SHDSL) Transceivers</th>
<th>ANSI/ATIS 0600427.03-2004 (S2015), Multi-Pair Bonding Using Time Division Inverse Multiplexing</th>
</tr>
</thead>
<tbody>
<tr>
<td>(stabilized maintenance of ANSI/ATIS 0600422-2001 (R2011))</td>
<td>(stabilized maintenance of ANSI ATIS 0600427.03-2004 (R2014))</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 5, 2015</td>
<td>Approval Date: Mar 5, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/ATIS 0600423-2001 (S2015), Asymmetric Digital Subscriber Line (ADSL) Transceivers Based on ITU-T Recommendation G.992.1</th>
<th>ANSI/ATIS 0600601-1999 (S2015), Integrated Services Digital Network (ISDN) - Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer 1 Specification)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(stabilized maintenance of ANSI/ATIS 0600423-2001 (R2011))</td>
<td>(stabilized maintenance of ANSI ATIS 0600601-1999 (R2014))</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 5, 2015</td>
<td>Approval Date: Mar 9, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(stabilized maintenance of ANSI ATIS 0600424-2004 (R2014))</td>
<td>(stabilized maintenance of ANSI/ATIS 0600605-1991 (R2014))</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 9, 2015</td>
<td>Approval Date: Mar 11, 2015</td>
</tr>
</tbody>
</table>
ANSI/ATIS 0700004-2007 (S2017), High Capacity - Spatial Division Multiple Access (HC-SDMA) Radio Interface Standard (stabilized maintenance of ANSI ATIS 0700004-2007 (R2012))
PINS Date:
Public Review Start: Feb 17, 2017
Approval Date: Apr 4, 2017

PINS Date:
Public Review Start: Jan 31, 2020
Approval Date: Mar 17, 2020

PINS Date:
Public Review Start: Feb 15, 2019
Approval Date: Nov 19, 2019

ANSI/ATIS 0700714-2000 (S2020), Stage 2 Service Description for Personal Communications Service - Enhanced Priority Access and Channel Assignment (PACA-F) Supplementary Service (stabilized maintenance of ANSI ATIS 0700714-2000 (R2015))
PINS Date:
Public Review Start: Jan 31, 2020
Approval Date: Mar 17, 2020

ANSI/ATIS 0900102-1993 (S2015), Digital Hierarchy - Electrical Interfaces (stabilized maintenance of ANSI/ATIS 0900102-1993 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 10, 2015

ANSI/ATIS 0900105-2015 (R2020), Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates, and Formats (reaffirmation of ANSI/ATIS 0900105-2015)
PINS Date:
Public Review Start: Mar 20, 2020
Approval Date: Jun 11, 2020

ANSI/ATIS 0900105.01-2000 (S2015), Synchronous Optical Network (SONET) - Automatic Protection Switching (stabilized maintenance of ANSI/ATIS 0900105.01-2000 (R2010))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 10, 2015

ANSI/ATIS 0900105.02-2007 (S2017), Synchronous Optical Network (SONET) - Payload Mappings (stabilized maintenance of ANSI/ATIS 0900105.02-2007 (R2012))
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 16, 2017

PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 10, 2015

ANSI/ATIS 0900105.05-2002 (S2015), Synchronous Optical Network (SONET): Tandem Connection Maintenance (stabilized maintenance of ANSI ATIS 0900105.05-2002 (R2013))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 5, 2015

ANSI/ATIS 0900105.06-2002 (S2015), Synchronous Optical Network (SONET): Physical Layer Specifications (stabilized maintenance of ANSI ATIS 0900105.06-2002 (R2012))
PINS Date:
Public Review Start: Jan 16, 2015
Approval Date: Mar 5, 2015

PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 16, 2017
ANSI/ATIS 1000006-2005 (S2020), Signaling System No. 7 (SS7) - Emergency Telecommunications Service (ETS) (stabilized maintenance of ANSI/ATIS 1000006-2005 (R2015))
PINS Date:
Public Review Start: Jan 24, 2020
Approval Date: Jun 8, 2020

ANSI/ATIS 1000007-2006 (S2016), Generic Signaling and Control Plane Security Requirements for Evolving Networks (stabilized maintenance of ANSI/ATIS 1000007-2006 (R2011))
PINS Date:
Public Review Start: Mar 18, 2016
Approval Date: May 13, 2016

ANSI/ATIS 1000009-2006 (S2016), Extensions to the Narrowband Signaling Syntax (NSS) - Syntax Definition (stabilized maintenance of ANSI/ATIS 1000009-2006 (R2011))
PINS Date:
Public Review Start: Mar 18, 2016
Approval Date: May 13, 2016

PINS Date:
Public Review Start: Mar 18, 2016
Approval Date: May 13, 2016

ANSI/ATIS 1000012-2006 (S2016), Signaling System No. 7 (SS7) - SS7 Network and NNI Interconnection Security Requirements and Guidelines (stabilized maintenance of ANSI/ATIS 1000012-2006 (R2011))
PINS Date:
Public Review Start: Mar 18, 2016
Approval Date: May 13, 2016

PINS Date:
Public Review Start: Jan 24, 2020
Approval Date: Mar 23, 2020

PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 10, 2017

PINS Date:
Public Review Start: Jan 24, 2020
Approval Date: Jun 8, 2020

ANSI/ATIS 1000044-2011 (R2016), ATIS Identify Management: Requirements and Use Cases Standards (reaffirmation of ANSI/ATIS 1000044-2011)
PINS Date:
Public Review Start: Mar 18, 2016
Approval Date: May 6, 2016

PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 9, 2017

ANSI/ATIS 1000050-2012 (R2017), Next Generation Network (NGN) Operator Regular Intercept Standard (reaffirmation of ANSI ATIS 1000050-2012)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 9, 2017
Approved American National Standards

- PINS Date: Nov 24, 2017
- Approval Date: Jan 24, 2018

- PINS Date: Nov 15, 2013
- Public Review Start: Jun 9, 2017
- Approval Date: Aug 24, 2017

- PINS Date: Jul 5, 2019
- Public Review Start: Sep 9, 2019
- Approval Date: Feb 27, 2020

- PINS Date: Jan 24, 2020
- Public Review Start: Mar 23, 2020

- PINS Date: Jan 24, 2020
- Public Review Start: Mar 23, 2020

ANSI/ATIS 1000066-2016, Emergency Telecommunications Service (ETS) Network Element Requirements for IMS-based Next Generation Network (NGN) Phase 2 (new standard)
- PINS Date: Feb 27, 2015
- Public Review Start: Sep 16, 2016
- Approval Date: Oct 18, 2016

- PINS Date: Jan 24, 2020
- Approval Date: Mar 23, 2020

ANSI/ATIS 1000110-1999 (S2020), Signaling System No. 7 (SS7) - General Information (stabilized maintenance of ANSI/ATIS 1000110-1999 (R2015))
- PINS Date: Jan 24, 2020
- Approval Date: Jun 8, 2020

ANSI/ATIS 1000111-2005 (S2020), Signaling System No. 7 (SS7) - Message Transfer Part (MTP) (stabilized maintenance of ANSI/ATIS 1000111-2005 (R2015))
- PINS Date: Jan 24, 2020
- Approval Date: Jun 8, 2020

ANSI/ATIS 1000112-2005 (S2020), Signaling System No. 7 (SS7) - Signaling Connection Control Part (SCCP) (stabilized maintenance of ANSI/ATIS 1000112-2005 (R2015))
- PINS Date: Jan 24, 2020
- Approval Date: Jun 8, 2020

ANSI/ATIS 1000112.a-2006 (S2016), Subsystem Number Assignment Guidelines (stabilized maintenance of ANSI/ATIS 1000112.a-2006 (R2011))
- PINS Date: Jan 24, 2020
- Approval Date: May 13, 2016

- PINS Date: Jan 24, 2020
- Approval Date: Mar 23, 2020
ANSI/ATIS 1000116-2000 (S2020), Signaling System No. 7 (SS7) - Operations, Maintenance, and Administrative Part (OAMP) (stabilized maintenance of ANSI/ATIS 1000116-2000 (R2015))
PINS Date: Public Review Start: Jan 24, 2020 Approval Date: Jun 8, 2020

PINS Date: Public Review Start: Jan 24, 2020 Approval Date: Jun 8, 2020

PINS Date: Public Review Start: Jun 21, 2019 Approval Date: Sep 9, 2019

ANSI/ATIS 1000607.a-2006 (S2016), Supplement to ATIS-1000607 (stabilized maintenance of ANSI/ATIS 1000607.a-2006 (R2011))
PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Jan 20, 2017 Approval Date: Mar 10, 2017

ANSI/ATIS 1000616-2014 (R2019), ISDN - Call Hold Supplementary Service (reaffirmation of ANSI ATIS 1000616-2014)
PINS Date: Public Review Start: Jul 5, 2019 Approval Date: Sep 9, 2019

PINS Date: Public Review Start: Jan 24, 2020 Approval Date: Jun 8, 2020

PINS Date: Public Review Start: Jan 20, 2017 Approval Date: Mar 10, 2017

PINS Date: Public Review Start: Jan 20, 2017 Approval Date: Mar 10, 2017
ANSI/ATIS 1000620a-2014 (R2019), Multi-Rate Circuit-Mode Bearer Service for ISDN - Addendum to the Circuit-Mode Bearer Service Category Description (reaffirmation of ANSI ATIS 1000620a-2014)
PINS Date: Public Review Start: Jun 21, 2019 Approval Date: Sep 9, 2019


ANSI/ATIS 1000628.a-2001 (S2020), ECS - Connection and Ring Back Addendum (stabilized maintenance of ANSI/ATIS 1000628.a-2001 (R2015)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000630-1999 (S2020), Broadband ISDN - ATM Adaption Layer of Constant Bit Rate Service Functionality and Specification (stabilized maintenance of ANSI/ATIS 1000630-1999 (R2015)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000630.a-2002 (S2020), Network - Broadband ISDN - ATM Adaption Layer for Constant Bit Rate Services Functionality and Specification (stabilized maintenance of ANSI/ATIS 1000630.a-2002 (R2015)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000631-2005 (S2020), Signaling System No. 7 (SS7) - High Probability of Completion (HPC) Network Capability (stabilized maintenance of ANSI/ATIS 1000631-2005 (R2015)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020


ANSI/ATIS 1000635-1999 (S2020), Broadband ISDN - ATM Adaptation Layer Type 5 Common Part Functions and Specification (stabilized maintenance of ANSI/ATIS 1000635-1999 (R2015)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000636-1999 (S2020), B-ISDN Signaling ATM Adaptation Layer (SAAL)-Overview Description (reaffirmation of ANSI/ATIS 1000636-1999 (R2010)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000636-1999 (R2010), B-ISDN Signaling ATM Adaptation Layer (SAAL) - Overview Description (stabilized maintenance of ANSI/ATIS 1000636-1999 (R2010)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020


ANSI/ATIS 1000638-1999 (S2020), B-ISDN ATM Adaption Layer - Service Specific Coordination Function for Support of Signaling at the User-to-Network Interface (SSCF at the UNI) (stabilized maintenance of ANSI/ATIS 1000638-1999 (R2015)) PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020
ANSI/ATIS 100639-1995 (S2016), Calling Name Identification Restriction (stabilized maintenance of ANSI/ATIS 100639-1995 (R2011))
PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

ANSI/ATIS 1000647-1995 (S2020), ISDN - Conference Calling Supplementary service (stabilized maintenance of ANSI/ATIS 1000647-1995 (R2015))
PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000639.a-2001 (S2016), Supplement to Calling Name Identification Restriction (stabilized maintenance of ANSI/ATIS 1000639.a-2001 (R2011))
PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 100640-2001 (S2016), Broadband ISDN Network Node Interfaces and Inter-Network Interfaces - Rates and Formats Specifications (stabilized maintenance of ANSI/ATIS 100640-2001 (R2011))
PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000641.a-2002 (S2017), Supplement to Calling Name Identification Presentation (stabilized maintenance of ANSI ATIS 1000641.a-2002 (R2012))
PINS Date: Public Review Start: Jan 20, 2017 Approval Date: Mar 10, 2017

PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000651.a-1996 (S2016), Mobility Management Application Protocol (MMAP) - Extensions (stabilized maintenance of ANSI/ATIS 1000651.a-1996 (R2011))
PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016

PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 8, 2020

ANSI/ATIS 1000652-1996 (S2016), B-ISDN Signaling ATM Adaptation Layer - Layer Management for SAAL at the NNI (stabilized maintenance of ANSI/ATIS 1000652-1996 (R2011))
PINS Date: Public Review Start: Mar 18, 2016 Approval Date: May 13, 2016
PINS Date: Public Review Start: Jan 31, 2020
Approval Date: Jun 8, 2020

ANSI/ATIS 1000653.a-1998 (S2020), ISDN - Call Park Supplementary Service - Generic Procedures for the Control of ISDN Supplementary Services, Clarification for Number Identification (stabilized maintenance of ANSI/ATIS 1000653.a-1998 (R2015))
PINS Date: Public Review Start: Jan 31, 2020
Approval Date: Jun 8, 2020

ANSI/ATIS 1000655-2001 (S2016), Signaling System Number 7 (SS7) - Upper Layer Security Capability (stabilized maintenance of ANSI/ATIS 1000655-2001 (R2011))
PINS Date: Public Review Start: Mar 18, 2016
Approval Date: May 13, 2016

PINS Date: Public Review Start: Mar 18, 2016
Approval Date: May 13, 2016

ANSI/ATIS 1000661-2000 (S2020), Signaling System Number 7 (SS7) - Release to Pivot (RTP) (stabilized maintenance of ANSI/ATIS 1000661-2000 (R2015))
PINS Date: Public Review Start: Jan 31, 2020
Approval Date: Jun 8, 2020

ANSI/ATIS 1000666.a-2000 (S2019), Supplement to T1.666-1999, Interactions Between the Operator Services Network Capabilities (OSNC) and Release to Pivot (RTP) (stabilized maintenance of ANSI ATIS 1000666.a-2000 (R2014))
PINS Date: Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

PINS Date: Public Review Start: Jan 20, 2017
Approval Date: Mar 10, 2017

ANSI/ATIS 1000668-1999 (S2020), Signaling System Number 7 (SS7) - Facility Request to Pivot (FRP) (stabilized maintenance of ANSI/ATIS 1000668-1999 (R2015))
PINS Date: Public Review Start: Jan 31, 2020
Approval Date: Jun 8, 2020

ANSI/ATIS 1000669-1999 (S2020), Signaling System Number 7 (SS7) - Intermediate Network Selection (INS) (stabilized maintenance of ANSI/ATIS 1000669-1999 (R2015))
PINS Date: Public Review Start: Jan 31, 2020
Approval Date: Jun 8, 2020

ANSI/ATIS 1000671-2000 (S2020), Signaling System Number 7 (SS7) - Carrier Service Provider Identification (CSPI) (stabilized maintenance of ANSI/ATIS 1000671-2000 (R2015))
PINS Date: Public Review Start: Jan 31, 2020
Approval Date: Jun 8, 2020

PINS Date: Public Review Start: Jan 31, 2020
Approval Date: Jun 8, 2020
PINS Date: Jan 20, 2017
Approval Date: Mar 10, 2017

**ANSI/ATIS 1000674-2002 (S2017),** BICC CS1+: Signaling Transport Converters (STCs) (stabilized maintenance of ANSI ATIS 1000674-2002 (R2012))
PINS Date: Jan 20, 2017
Approval Date: Mar 10, 2017

PINS Date: Mar 18, 2016
Approval Date: May 13, 2016

PINS Date: Mar 18, 2016
Approval Date: May 13, 2016

PINS Date: Jan 24, 2020
Approval Date: Mar 23, 2020

PINS Date: Jan 24, 2020
Approval Date: Mar 23, 2020

**ATSIP (Association of Transportation Safety Information Professionals )**
www.atsip.org

PINS Date: Mar 24, 2017
Public Review Start: Jul 28, 2017
Approval Date: Dec 18, 2017

**AVIXA (Audiovisual and Integrated Experience Association )**
www.avixa.org

PINS Date: Apr 8, 2011
Approval Date: Jan 22, 2015

**ANSI/INFOCOMM 10-2013,** Audiovisual Systems Performance Verification (new standard)
PINS Date: Mar 2, 2012
Public Review Start: Jul 5, 2013
Approval Date: Dec 20, 2013

**ANSI/INFOCOMM 2M-2010,** Audiovisual Systems Design and Coordination Components (new standard)
PINS Date: Mar 13, 2009
Public Review Start: Oct 30, 2009
Approval Date: May 12, 2010

**ANSI/INFOCOMM 3M-2011,** Projected Image System Contrast Ratio (new standard)
PINS Date: Mar 13, 2009
Public Review Start: Apr 8, 2011
Approval Date: Jun 30, 2011

PINS Date: Dec 18, 2009
Public Review Start: Apr 20, 2012
Approval Date: Jun 19, 2012
Approved American National Standards

ANSI/INFOCOMM A102.01-2017, Audio Coverage
Uniformity in Listener Areas (revision and redesignation of
ANSI/INFOCOMM 1M-2009)
PINS Date: Jan 16, 2015
Approval Date: Apr 11, 2017

ANSI/INFOCOMM V202.01:2016, Display Image Size for
2D Content in Audiovisual Systems (new standard)
PINS Date: Oct 15, 2010
Public Review Start: Dec 25, 2015
Approval Date: May 23, 2016

ANSI/AWC NDS-2018, National Design Specification® for
Wood Construction (revision of ANSI/AWC NDS-2015)
PINS Date: Aug 21, 2015
Public Review Start: May 26, 2017
Approval Date: Nov 16, 2017

ANSI/AWC PWF-2015, Permanent Wood Foundation
Design Specification (revision and redesignation of
ANSI/AF&PA PWF-2007)
PINS Date: Apr 20, 2012
Approval Date: Nov 20, 2014

ANSI/AWC SDPWS-2015, Special Design Provisions for
Wind and Seismic (revision and redesignation of
ANSI/AF&PA SDPWS-2008)
PINS Date: Public Review Start: Apr 11, 2014
Approval Date: Sep 8, 2014

ANSI/AWC WFCM-2018, Wood Frame Construction
Manual for One and Two-Family Dwellings (revision and
redesignation of ANSI/AWC WFCM-2015)
PINS Date: Aug 21, 2015
Public Review Start: Oct 6, 2017
Approval Date: Dec 5, 2017

AWEA (American Wind Energy Association)
www.awea.org

ANSI/AWEA 61400-11-2017, Wind Turbine Generator
Systems: Acoustic noise measurement techniques
(identical national adoption of IEC 61400-11 Ed.3)
PINS Date: Mar 24, 2017
Public Review Start: May 19, 2017
Approval Date: Aug 18, 2017
IEC Adoption

ANSI/AWEA 61400-12-1-2016, Power performance
measurements of electricity producing wind turbines
(identical national adoption of IEC 61400-12-1 (2005))
PINS Date: Oct 9, 2015
Approval Date: Jun 23, 2016
IEC Adoption

ANSI/AWEA 61400-13-2017, Wind turbines -
Measurement of mechanical loads (identical national
adoption of IEC 61400-13 Ed. 1)
PINS Date: Mar 24, 2017
Public Review Start: May 19, 2017
Approval Date: Aug 18, 2017
IEC Adoption

ANSI/AWEA 61400-23-2017, Full scale structural testing of
rotor blades (identical national adoption of IEC 61400
-23:2014)
PINS Date: May 19, 2017
Public Review Start: Jun 30, 2017
Approval Date: Aug 21, 2017
IEC Adoption

ANSI/AWEA 61400-27-1-2017, Electrical simulation
models - Wind turbines (identical national adoption of IEC
61400-27-1:2015)
PINS Date: May 19, 2017
Public Review Start: Jun 30, 2017
Approval Date: Dec 21, 2017
IEC Adoption
Approved American National Standards

**AWI (Architectural Woodwork Institute)**
www.awinet.org

**ANSI/AWI 0620-2018, Finish Carpentry/Installation** (new standard)
PINS Date: Nov 25, 2016
Public Review Start: Jul 6, 2018
Approval Date: Sep 21, 2018

PINS Date: Nov 25, 2016
Public Review Start: Sep 13, 2019
Approval Date: Dec 9, 2019

**AWPA (ASC O5) (American Wood Protection Association)**
www.awpa.com

PINS Date: Sep 30, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 23, 2017

**ANSI O5.2-2020, Structural Glued Laminated Timber for Utility Structures** (revision of ANSI O5.2-2012)
PINS Date: Mar 24, 2019
Public Review Start: Nov 1, 2019
Approval Date: Jan 10, 2020

**ANSI O5.3-2015, Solid Sawn Wood Crossarms & Braces - Specifications and Dimensions** (revision of ANSI O5.3 -2008)
PINS Date: Mar 22, 2013
Public Review Start: Jun 13, 2014
Approval Date: Jan 9, 2015

**ANSI O5.4-2017, Naturally Durable Hardwood Poles - Specifications and Dimensions** (revision of ANSI O5.4 -2009)
PINS Date: Apr 4, 2014
Public Review Start: Nov 18, 2016
Approval Date: Feb 23, 2017

**ANSI O5.5-2010 (R2016), Wood Ground Wire Moulding - Specifications and Dimensions** (reaffirmation of ANSI O5.5 -2010)
PINS Date: Jul 10, 2015
Public Review Start: Jul 15, 2016
Approval Date: Sep 23, 2016

**AWS (American Welding Society)**
www.aws.org

**ANSI/AASHTO/AWS D1.5M/D1.5-2020, Bridge Welding Code** (revision of ANSI/AASHTO/AWS D1.5M/D1.5-2015, AMD 1)
PINS Date: Sep 6, 2019
Public Review Start: Dec 13, 2019
Approval Date: Apr 24, 2020

PINS Date: Nov 20, 2015
Public Review Start: Jul 1, 2016
Approval Date: Aug 30, 2016

**ANSI/AWS A2.4-2020, Standard Symbols for Welding, Brazing, and Nondestructive Examination** (revision of ANSI/AWS A2.4-2012)
PINS Date: May 31, 2013
Public Review Start: Nov 22, 2019
Approval Date: Jan 9, 2020

PINS Date: May 31, 2013
Public Review Start: Aug 2, 2019
Approval Date: Oct 22, 2019
<table>
<thead>
<tr>
<th>ANSI/AWS Standard</th>
<th>Description</th>
<th>Date Approved</th>
<th>Date of Adoption</th>
<th>Date of Adoption</th>
<th>Date of Adoption</th>
</tr>
</thead>
</table>
PINS Date: Mar 27, 2015
Public Review Start: Aug 21, 2015
Approval Date: May 4, 2016

ANSI/AWS A5.16/A5.16M-2013 (ISO 24034-2005 MOD), Specification for Titanium and Titanium-Alloy Welding Electrodes and Rods (revision of ANSI/AWS A5.16/A5.16M-2007)
PINS Date: Apr 1, 2011
Approval Date: Feb 19, 2013

ISO Adoption

PINS Date: Jun 22, 2018
Public Review Start: Dec 14, 2018
Approval Date: Feb 5, 2019

PINS Date: Feb 18, 2011
Public Review Start: May 15, 2015
Approval Date: Jul 11, 2017

PINS Date: Mar 27, 2015
Public Review Start: Apr 24, 2015
Approval Date: Jul 17, 2015

PINS Date: May 15, 2015
Public Review Start: May 26, 2017
Approval Date: Jan 10, 2018

PINS Date: Apr 24, 2015
Approval Date: Jul 28, 2015

ANSI/AWS A5.21/A5.21M-2010, Specification for Bare Electrodes and Rods for Surfacing (revision of ANSI/AWS A5.21-2001)
PINS Date: Jan 28, 2005
Public Review Start: Aug 27, 2010
Approval Date: Dec 23, 2010

ANSI/AWS A5.22/A5.22M-2012, Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods (revision of ANSI/AWS A5.22/A5.22M-2009)
PINS Date: Feb 18, 2011
Approval Date: Jan 17, 2012

PINS Date: Feb 18, 2011
Public Review Start: Mar 18, 2011
Approval Date: Aug 23, 2011

PINS Date: Feb 3, 2012
Approval Date: Jan 23, 2014

PINS Date: Apr 5, 2019
Public Review Start: Sep 20, 2019
Approval Date: Apr 10, 2020

PINS Date: Mar 27, 2015
Public Review Start: Apr 24, 2015
Approval Date: Jul 21, 2015
ANSI/AWS A5.29/A5.29M-2010, Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.29/A5.29M-2005)
PINS Date: Jul 10, 2009
Public Review Start: Aug 14, 2009
Approval Date: Sep 18, 2009

ANSI/AWS A5.31M/A5.31-2012, Specification for Fluxes for Brazing and Braze Welding (revision of ANSI/AWS A5.31-1993 (R2003))
PINS Date:
Public Review Start: Sep 17, 2010
Approval Date: Feb 17, 2012

PINS Date: Jun 5, 2009
Public Review Start: Apr 23, 2010
Approval Date: Jan 11, 2011

ANSI/AWS A5.34/A5.34M-2018, Specification for Nickel-Alloy Flux Cored and Metal Cored Welding Electrodes (revision of ANSI/AWS A5.34/A5.34M-2013)
PINS Date: Nov 20, 2015
Public Review Start: Jun 22, 2018
Approval Date: Aug 15, 2018

ANSI/AWS A5.35/A5.35M-2015, Specification for Covered Electrodes for Underwater Wet Shielded Metal Arc Welding (new standard)
PINS Date: Dec 3, 2004
Public Review Start: Mar 20, 2015
Approval Date: Jun 23, 2015

ANSI/AWS A5.35/A5.35M-AMD1-2016, Specification for Covered Electrodes for Underwater Wet Shielded Metal Arc Welding (addenda to ANSI/AWS A5.35/A5.35M-2015)
PINS Date: Jun 3, 2016
Public Review Start: Jul 1, 2016
Approval Date: Aug 22, 2016

PINS Date: Jul 28, 2017
Public Review Start: Oct 4, 2019
Approval Date: Feb 24, 2020

ANSI/AWS A5.4/A5.4M-2012, Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.4/A5.4M-2006)
PINS Date: Feb 11, 2011
Public Review Start: Mar 30, 2012
Approval Date: Oct 5, 2012

ANSI/AWS A5.5/A5.5M-2014, Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.5/A5.5M-2006)
PINS Date: Jun 5, 2009
Public Review Start: Jan 24, 2014
Approval Date: Apr 16, 2014

ANSI/AWS A5.6/A5.6M-2008 (R2017), Specification for Copper and Copper-Alloy Electrodes for Shielded Metal Arc Welding (reaffirmation of ANSI/AWS A5.6/A5.6M-2008)
PINS Date:
Public Review Start: Mar 31, 2017
Approval Date: Jul 11, 2017

ANSI/AWS A5.7/A5.7M-2007 (R2017), Specification for Copper and Copper-Alloy Bare Welding Rods and Electrodes (reaffirmation of ANSI/AWS A5.7/A5.7M-2007)
PINS Date:
Public Review Start: Mar 3, 2017
Approval Date: Jul 11, 2017

ANSI/AWS A5.8M/A5.8-2019, Specification for Filler Metals for Brazing and Braze Welding (revision of ANSI/AWS A5.8M/A5.8-2011)
PINS Date: Aug 5, 2016
Public Review Start: Mar 8, 2019
Approval Date: May 21, 2019
PINS Date: Public Review Start: Sep 30, 2016 Approval Date: Dec 9, 2016
ISO Adoption


PINS Date: Jan 17, 2014 Public Review Start: Jul 8, 2016 Approval Date: Aug 29, 2016


Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 408
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/AWS B2.1-1-012-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel, 10 through 18 Gauge (M-1, P-1, or S-1 to M-1, P-1, or S-1), in the As-Welded Condition, with or without Backing (reaffirmation of ANSI/AWS B2.1-1-012-2002)
PINS Date: Aug 6, 2010
Public Review Start: Nov 23, 2012
Approval Date: Mar 11, 2013

ANSI/AWS B2.1-1-016-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018

ANSI/AWS B2.1-1-017-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018

ANSI/AWS B2.1-1-019-2018, Standard Welding Procedure Specification (SWPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch through 1-1/2 inch Thick, E70T-1C and E71 T-1C, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018

ANSI/AWS B2.1-1-019-94-AMD1-2010, Standard Welding Procedure Specification (WPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Dec 11, 2009
Approval Date: Jan 22, 2010

ANSI/AWS B2.1-1-020-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1M and E71T-1M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018

ANSI/AWS B2.1-1-020-94-AMD1-2010, Standard Welding Procedure Specification (WPS) for 75% Ar/25% CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, E70T-1 and E71T-1, As-Welded or PWHT Condition (addenda to ANSI/AWS B2.1-1-020-2005)
PINS Date: Sep 18, 2009
Public Review Start: Dec 11, 2009
Approval Date: Jan 22, 2010

ANSI/AWS B2.1-1-021-2018, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018

ANSI/AWS B2.1-1-022-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018

ANSI/AWS B2.1-1-026-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018

ANSI/AWS B2.1-1-026-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)
PINS Date: Dec 20, 2013
Public Review Start: Jul 28, 2017
Approval Date: Apr 10, 2018
<table>
<thead>
<tr>
<th>Standard Welding Procedure Specification (SWPS)</th>
<th>Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/AWS B2.1-1-206-2019, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)</td>
<td>Mar 30, 2018</td>
<td>Aug 31, 2018</td>
<td>Mar 1, 2019</td>
</tr>
</tbody>
</table>
ANSI/AWS B2.1-1-209-2019, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)
PINS Date: Mar 30, 2018
Public Review Start: Aug 31, 2018
Approval Date: Mar 1, 2019

ANSI/AWS B2.1-1-210-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, INMs-1 and ER70S-2, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Feb 10, 2012
Approval Date: Mar 29, 2012

ANSI/AWS B2.1-1-211-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, INMs-1, ER70S-2, and E7018, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Feb 10, 2012
Approval Date: Mar 29, 2012

ANSI/AWS B2.1-1-232-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3 and E71T-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 26, 2016
Public Review Start: Apr 27, 2018
Approval Date: Jul 31, 2019

ANSI/AWS B2.1-1-233-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 26, 2016
Public Review Start: Mar 15, 2019
Approval Date: Jul 31, 2019

ANSI/AWS B2.1-1-234-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7XT-X, in the As-Welded Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 26, 2016
Public Review Start: Mar 15, 2019
Approval Date: Jul 31, 2019

ANSI/AWS B2.1-1-235-2019, Standard Welding Procedure Specification (SWPS) for 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 26, 2016
Public Review Start: Mar 15, 2019
Approval Date: Jul 31, 2019

PINS Date: Aug 6, 2010
Public Review Start: Nov 23, 2012
Approval Date: Mar 14, 2013
ANSI/AWS B2.1-1/8-010-2015, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1) to Austenitic Stainless Steel (M-8/P-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (new standard)
PINS Date: Mar 22, 2013
Public Review Start: Nov 28, 2014
Approval Date: Jan 14, 2015

PINS Date: Aug 6, 2010
Public Review Start: Nov 23, 2012
Approval Date: Mar 11, 2013

ANSI/AWS B2.1-1/8-227-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 through 1-1/2 inch Thick, ER309(L), As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-227-2002)
PINS Date: Aug 13, 2010
Public Review Start: Nov 23, 2012
Approval Date: Mar 11, 2013

ANSI/AWS B2.1-1/8-227:2002-AMD1-2010, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 through 1-1/2 inch thick, ER309(L), As-Welded Condition, Primarily Pipe Applications (addenda to ANSI/AWS B2.1-1/8-227-2002)
PINS Date: Aug 13, 2010
Public Review Start: Jul 9, 2010
Approval Date: Sep 8, 2010

ANSI/AWS B2.1-1/8-228-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, E309(L) -15, -16, or -17, As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-228-2002)
PINS Date: Aug 13, 2010
Public Review Start: Nov 23, 2012
Approval Date: Mar 11, 2013

ANSI/AWS B2.1-1/8-229-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 through 1-1/2 inch Thick, ER309(L) and E309(L) -15, -16, or -17, As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-229-2002)
PINS Date: Aug 13, 2010
Public Review Start: Nov 23, 2012
Approval Date: Mar 11, 2013

ANSI/AWS B2.1-1/8-229:2002-AMD1-2010, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch thick, ER309(L) and E309(L) -15, -16, or -17, As-Welded Condition, Primarily Pipe Applications (addenda to ANSI/AWS B2.1-1/8-229-2002)
PINS Date: Public Review Start: Jul 9, 2010
Approval Date: Sep 8, 2010

ANSI/AWS B2.1-1/8-230-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/16 through 1-1/2 inch Thick, IN309 and ER309(L), As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-230-2002)
PINS Date: Aug 13, 2010
Public Review Start: Nov 23, 2012
Approval Date: Mar 11, 2013
ANSI/AWS B2.1-1/8-230-2002-AMD1-2010, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding, with Consumable Insert Root of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 through 1-1/2 inch thick, IN309 and ER309(L), As-Welded Condition, Primarily Pipe Applications (addenda to ANSI/AWS B2.1-1/8-230-2002)
PINS Date:  
Public Review Start:  Jul 9, 2010  
Approval Date:  Sep 8, 2010

ANSI/AWS B2.1-1/8-231:2015, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, IN309, ER309(L), and E309(L)-XX, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1/8-231-2002)
PINS Date:  Mar 22, 2013  
Public Review Start:  May 29, 2015  
Approval Date:  Jul 14, 2015

PINS Date:  Feb 15, 2008  
Public Review Start:  Dec 4, 2009  
Approval Date:  Jul 7, 2010

ANSI/AWS B2.1-8-005-2002 (R2013), B2.1-8-005:2002 (R20XX), Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Austenitic Stainless Steel (M-8, P-8, or S-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (reaffirmation of ANSI/AWS B2.1-8-005-2002)
PINS Date:  Aug 13, 2010  
Public Review Start:  Nov 23, 2012  
Approval Date:  Mar 7, 2013

PINS Date:  Aug 13, 2010  
Public Review Start:  Nov 23, 2012  
Approval Date:  Mar 11, 2013

PINS Date:  Aug 6, 2010  
Public Review Start:  Nov 23, 2012  
Approval Date:  Mar 11, 2013

ANSI/AWS B2.1-8-023-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8 Group 1) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)
PINS Date:  Dec 20, 2013  
Public Review Start:  Jul 28, 2017  
Approval Date:  Apr 10, 2018

ANSI/AWS B2.1-8-024-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 through 1-1/2 inch Thick, ER3XX, As-Welded Condition, Primarily Plate and Structural Applications (new standard)
PINS Date:  Aug 6, 2010  
Public Review Start:  Feb 10, 2012  
Approval Date:  Mar 29, 2012

ANSI/AWS B2.1-8-025-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, As-Welded Condition, Primarily Plate and Structural Applications (new standard)
PINS Date:  Aug 6, 2010  
Public Review Start:  Feb 10, 2012  
Approval Date:  Mar 29, 2012
ANSI/AWS B2.1-8-212-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, ER3XX, As-Welded Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Feb 10, 2012
Approval Date: Mar 29, 2012

ANSI/AWS B2.1-8-213-2012, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, E3XX-XX, As-Welded Condition (Primarily Pipe Applications) (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Feb 10, 2012
Approval Date: Mar 29, 2012

ANSI/AWS B2.1-8-214-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, ER3XX and E3XX-XX, As-Welded Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Feb 10, 2012
Approval Date: Mar 29, 2012

ANSI/AWS B2.1-8-215-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Inserts of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, IN3XX and ER3XX, As-Welded Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Feb 10, 2012
Approval Date: Mar 29, 2012

ANSI/AWS B2.1-8-216-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Inserts followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, IN3XX, ER3XXX, and E3XX-XX, As-Welded Condition, Primarily Pipe Applications (new standard)
PINS Date: Aug 6, 2010
Public Review Start: Feb 10, 2012
Approval Date: Mar 29, 2012

PINS Date: Aug 6, 2010
Public Review Start: Dec 23, 2011
Approval Date: Feb 23, 2012

PINS Date: Jun 19, 2009
Public Review Start: Jun 14, 2013
Approval Date: Nov 21, 2013

PINS Date: Feb 17, 2017
Public Review Start: Jun 14, 2019
Approval Date: Jul 31, 2019

PINS Date: Nov 7, 2014
Public Review Start: Jul 17, 2015
Approval Date: Dec 14, 2015

PINS Date: Apr 1, 2011
Public Review Start: Mar 18, 2016
Approval Date: Aug 5, 2016

PINS Date: Feb 5, 2010
Public Review Start: Mar 5, 2010
Approval Date: Apr 22, 2010

PINS Date: Feb 5, 2016
Public Review Start: Dec 15, 2017
Approval Date: Mar 29, 2018
## Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

### ANSI/AWS C2.20/C2.20M-2016

*Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete*  
(new standard)  
PINS Date: July 12, 2013  
Public Review Start: February 12, 2016  
Approval Date: May 19, 2016

### ANSI/AWS C2.21M/C2.21-2015

*Specification for Thermal Spray Equipment Performance Verification*  
(revision of ANSI/AWS C2.21M/C2.21-2003)  
PINS Date: April 17, 2009  
Public Review Start: September 4, 2015  
Approval Date: October 27, 2015

### ANSI/AWS C2.25/C2.25M-2012 (R2018)

*Specification for Thermal Spray Feedstock-Wire and Rods*  
(reaffirmation of ANSI/AWS C2.25/C2.25M-2012)  
PINS Date: January 1, 2016  
Public Review Start: July 8, 2016  
Approval Date: September 1, 2017

### ANSI/AWS C3.11M/C3.11-2011

*Specification for Torch Soldering*  
(new standard)  
PINS Date: April 16, 2010  
Public Review Start: May 6, 2011  
Approval Date: July 14, 2011

### ANSI/AWS C3.12M/C3.12-2017

*Specification for Furnace Soldering*  
(new standard)  
PINS Date: September 28, 2012  
Public Review Start: February 24, 2017  
Approval Date: May 23, 2017

### ANSI/AWS C3.14M/C3.14-2020

*Standard Method For Evaluation of Brazed Joints using Visual and Metallographic Techniques*  
(new standard)  
PINS Date: March 25, 2016  
Public Review Start: December 6, 2019  
Approval Date: January 31, 2020

### ANSI/AWS C3.2M/C3.2-2019

*Standard Method For Evaluating the Strength of Brazed Joints*  
(new standard)  
PINS Date: April 8, 2016  
Public Review Start: September 28, 2018  
Approval Date: November 30, 2018

### ANSI/AWS C3.3-2008 (R2016)

*Recommended Practices for the Design, Manufacture, and Examination of Critical Brazed Components*  
(reaffirmation of ANSI/AWS C3.3 -2008)  
PINS Date:  
Public Review Start: July 1, 2016  
Approval Date: August 22, 2016

### ANSI/AWS C3.4M/C.4-2016

*Specification for Torch Brazing*  
(revision of ANSI/AWS C3.4M/C.4-2007a)  
PINS Date: February 15, 2013  
Public Review Start: October 23, 2015  
Approval Date: December 15, 2015

### ANSI/AWS C3.5M/C.5-2016

*Specification for Induction Brazing*  
(revision of ANSI/AWS C3.5M/C.5-2007a)  
PINS Date: February 15, 2013  
Public Review Start: October 23, 2015  
Approval Date: December 15, 2015

### ANSI/AWS C3.5M/C.5-2016-AMD1

*Specification for Induction Brazing*  
(addenda to ANSI/AWS C3.5M/C.5 -2016)  
PINS Date: July 29, 2016  
Public Review Start: October 21, 2016  
Approval Date: June 16, 2017

### ANSI/AWS C3.6M/C.6-2016

*Specification for Furnace Brazing*  
(revision of ANSI/AWS C3.6M/C.6-2007)  
PINS Date: February 15, 2013  
Public Review Start: October 23, 2015  
Approval Date: December 15, 2015

### ANSI/AWS C3.6M/C.6-2019

*Specification for Furnace Brazing*  
(addenda to ANSI/AWS C3.6M/C.6-2016)  
PINS Date: May 31, 2019  
Public Review Start: August 16, 2019  
Approval Date: October 10, 2019

### ANSI/AWS C3.7M/C.7-2011

*Specification for Aluminum Brazing*  
(revision of ANSI/AWS C3.7M/C.7-2005)  
PINS Date: April 9, 2010  
Public Review Start: May 6, 2011  
Approval Date: October 5, 2011
ANSI/AWS C3.8M/C3.8-2011, Specification for the Ultrasonic Examination of Brazed Joints (revision of ANSI/AWS C3.8M/C3.8-2005)
PINS Date: Apr 9, 2010
Public Review Start: May 6, 2011
Approval Date: Jul 13, 2011

PINS Date: May 8, 2009
Public Review Start: Jul 10, 2009
Approval Date: Oct 29, 2009

PINS Date: Nov 22, 2013
Public Review Start: Jan 6, 2017
Approval Date: Mar 2, 2017

PINS Date: Nov 15, 2013
Public Review Start: Feb 24, 2017
Approval Date: Jun 6, 2017

ANSI/AWS C4.5M-2012, Uniform Designation System for Oxyfuel Nozzles (revision of ANSI/AWS C4.5M-2006)
PINS Date: Feb 10, 2012
Public Review Start: Mar 30, 2012
Approval Date: Jun 5, 2012

PINS Date: Mar 2, 2012
Public Review Start: Mar 30, 2012
Approval Date: Oct 30, 2012
ISO Adoption

ANSI/AWS C4.7/C4.7M-2020, Recommended Practices for Oxyacetylene Welding of Steel (new standard)
PINS Date: Sep 18, 2015
Public Review Start: Jul 5, 2019
Approval Date: Jan 7, 2020

ANSI/AWS C5.3-2000 (R2011), Recommended Practices for Air Carbon Arc Gouging and Cutting (reaffirmation of ANSI/AWS C5.3-2000)
PINS Date: Aug 6, 2010
Public Review Start: Sep 3, 2010
Approval Date: Jan 26, 2011

PINS Date: Public Review Start: Sep 21, 2012
Approval Date: Feb 5, 2013

ANSI/AWS C7.2M-2010, Recommended Practices for Laser Beam Welding, Cutting, and Allied Processes (new standard)
PINS Date: Jan 28, 2005
Public Review Start: Feb 5, 2010
Approval Date: Jun 24, 2010

PINS Date: Nov 22, 2013
Public Review Start: Dec 4, 2015
Approval Date: Jan 26, 2016

PINS Date: Jan 21, 2011
Public Review Start: May 5, 2017
Approval Date: Jun 27, 2017

PINS Date: Public Review Start: Jan 20, 2017
Approval Date: Feb 16, 2017

PINS Date: Dec 4, 2015
Public Review Start: Nov 8, 2019
Approval Date: Dec 9, 2019
<table>
<thead>
<tr>
<th>ANSI/AWS Standard</th>
<th>Title</th>
<th>Revision Details</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Revision Details</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Public Review Start: Dec 8, 2017  
Approval Date: Feb 16, 2018 |
Public Review Start: Dec 9, 2016  
Approval Date: Jan 24, 2017 |
Public Review Start: Jul 4, 2014  
Approval Date: Dec 12, 2014 |
Public Review Start: Jul 6, 2018  
Approval Date: Aug 22, 2018 |
| ANSI/AWS D17.1/D17.1M-2010-AMD1-2010 | Specification for Fusion Welding for Aerospace Application (addenda to ANSI/AWS D17.1/D17.1M-2010) | PINS Date:  
Public Review Start: Feb 10, 2012  
Approval Date: Apr 23, 2012 |
Public Review Start: Oct 12, 2018  
Approval Date: Nov 30, 2018 |
Public Review Start: Nov 10, 2017  
Approval Date: Dec 12, 2017 |
| ANSI/AWS D17.2/D17.2M-2019 | Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2012) | PINS Date:  
Public Review Start: Dec 29, 2017  
Approval Date: Feb 27, 2018 |
| ANSI/AWS D17.3/D17.3M-2016 | Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2009) | PINS Date:  
Public Review Start: Apr 3, 2015  
Approval Date: Sep 25, 2015 |
Public Review Start: Dec 9, 2016  
Approval Date: Jan 24, 2017 |
Public Review Start: Jul 4, 2014  
Approval Date: Dec 12, 2014 |
Public Review Start: Jul 6, 2018  
Approval Date: Aug 22, 2018 |
| ANSI/AWS D17.1/D17.1M-2010-AMD1-2010 | Specification for Fusion Welding for Aerospace Application (addenda to ANSI/AWS D17.1/D17.1M-2010) | PINS Date:  
Public Review Start: Feb 10, 2012  
Approval Date: Apr 23, 2012 |
Public Review Start: Oct 12, 2018  
Approval Date: Nov 30, 2018 |
Public Review Start: Nov 10, 2017  
Approval Date: Dec 12, 2017 |
<table>
<thead>
<tr>
<th>ANSI/AWS Standard</th>
<th>Title</th>
<th>Type</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Action/Date</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Jun 29, 2018
Public Review Start: Mar 15, 2019
Approval Date: Mar 16, 2020

PINS Date: Jun 29, 2018
Public Review Start: Mar 15, 2019
Approval Date: Mar 16, 2020

PINS Date: Jun 29, 2018
Public Review Start: Mar 15, 2019
Approval Date: Mar 16, 2020

PINS Date: Jul 13, 2018
Public Review Start: Mar 15, 2019
Approval Date: Mar 16, 2020

PINS Date: Jul 13, 2018
Public Review Start: Mar 15, 2019
Approval Date: Mar 16, 2020

PINS Date: Nov 13, 2015
Public Review Start: Aug 18, 2017
Approval Date: Feb 16, 2018

PINS Date: Public Review Start: Sep 4, 2015
Approval Date: Nov 10, 2015

PINS Date: Feb 5, 2016
Public Review Start: Sep 1, 2017
Approval Date: Dec 19, 2017
PINS Date:   Feb 5, 2016
Public Review Start:   Sep 1, 2017
Approval Date:   Dec 19, 2017

PINS Date: Nov 13, 2015
Public Review Start: Aug 18, 2017
Approval Date: Feb 16, 2018

PINS Date:   Sep 4, 2015
Public Review Start:   Nov 10, 2015
Approval Date:   Dec 19, 2017

PINS Date: Jul 8, 2016
Public Review Start: Jun 1, 2018
Approval Date: Aug 3, 2018

PINS Date: Jul 8, 2016
Public Review Start: Jun 1, 2018
Approval Date: Aug 3, 2018

PINS Date: Feb 5, 2016
Public Review Start: Sep 1, 2017
Approval Date: Dec 19, 2017

PINS Date: Feb 5, 2016
Public Review Start: Sep 1, 2017
Approval Date: Dec 19, 2017

PINS Date: Nov 13, 2015
Public Review Start: Aug 18, 2017
Approval Date: Feb 16, 2018
PINS Date: Nov 13, 2015
Public Review Start: Aug 18, 2017
Approval Date: Feb 16, 2018

PINS Date: Jul 8, 2016
Public Review Start: Jun 1, 2018
Approval Date: Aug 3, 2018

PINS Date: Jul 8, 2016
Public Review Start: Jun 1, 2018
Approval Date: Aug 3, 2018

PINS Date: May 30, 2014
Public Review Start: Nov 20, 2015
Approval Date: Jan 26, 2016

PINS Date: May 30, 2014
Public Review Start: Nov 20, 2015
Approval Date: Jan 26, 2016

AWWA (American Water Works Association)
www.awwa.org

ANSI/AWWA A100-2020, Water Wells (revision of ANSI/AWWA A100-2015)
PINS Date: Jan 22, 2016
Public Review Start: Nov 29, 2019
Approval Date: Feb 6, 2020

ANSI/AWWA B100-2015, Granular Filter Material (revision of ANSI/AWWA B100-2009)
PINS Date: May 25, 2012
Approval Date: Dec 10, 2015

ANSI/AWWA B100a-2017, Addendum to B100-16, Granular Filter Material (supplement to ANSI/AWWA B100-2015)
PINS Date: Jun 30, 2017
Public Review Start: Sep 29, 2017
Approval Date: Nov 3, 2017

ANSI/AWWA B101-2016, Precoat Filter Media (revision of ANSI/AWWA B101-2012)
PINS Date: May 3, 2013
Approval Date: Feb 25, 2016

ANSI/AWWA B102-2014 (R2020), Manganese Greensand for Filters (reaffirmation of ANSI/AWWA B102-2014)
PINS Date: Sep 30, 2016
Public Review Start: Dec 6, 2019
Approval Date: Jan 30, 2020
<table>
<thead>
<tr>
<th>ANSI/AWWA Standard</th>
<th>Standard Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date: May 3, 2013
- Public Review Start: Apr 13, 2018
- Approval Date: Jun 12, 2018

ANSI/AWWA B401-2016, *Poly(Diallyldimethylammonium Chloride)* (revision of ANSI/AWWA B401-2010)
- PINS Date: May 25, 2012
- Public Review Start: Feb 26, 2016
- Approval Date: Apr 18, 2016

- PINS Date: May 25, 2012
- Approval Date: Mar 31, 2016

- PINS Date: Jan 29, 2016
- Public Review Start: Dec 6, 2019
- Approval Date: Feb 11, 2020

- PINS Date: Apr 15, 2011
- Approval Date: Apr 17, 2014

- PINS Date: Sep 12, 2014
- Public Review Start: Apr 19, 2019
- Approval Date: Jul 19, 2019

ANSI/AWWA B405-2016, *Sodium Aluminate* (revision of ANSI/AWWA B405-2006)
- PINS Date: Mar 14, 2008
- Public Review Start: Mar 18, 2016
- Approval Date: May 12, 2016

- PINS Date: Sep 12, 2014
- Public Review Start: May 10, 2019
- Approval Date: Jul 9, 2019

- PINS Date: Jan 29, 2016
- Public Review Start: Dec 6, 2019
- Approval Date: Feb 11, 2020

- PINS Date: May 3, 2013
- Public Review Start: Apr 21, 2017
- Approval Date: Jun 16, 2017

- PINS Date: May 3, 2013
- Public Review Start: Jun 1, 2018
- Approval Date: Aug 3, 2018

- PINS Date: May 3, 2013
- Public Review Start: Apr 21, 2017
- Approval Date: Jun 19, 2017

- PINS Date: May 25, 2012
- Public Review Start: Aug 4, 2017
- Approval Date: Sep 28, 2017

- PINS Date: May 3, 2013
- Public Review Start: Dec 15, 2017
- Approval Date: Feb 27, 2018

- PINS Date: May 3, 2013
- Public Review Start: Apr 13, 2018
- Approval Date: Jun 12, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Title</td>
<td>Approval Dates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/AWWA C104/A21.4-2016</td>
<td>Cement-Mortar Lining for Ductile-Iron Pipe and Fittings (revision of ANSI/AWWA C104/A21.4-2013)</td>
<td>PINS Date: Sep 12, 2014; Public Review Start: Jan 1, 2016; Approval Date: Jun 17, 2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/AWWA C105/A21.5-2018</td>
<td>Polyethylene Encasement for Ductile-Iron Pipe Systems (revision of ANSI/AWWA C105/A21.5-2010)</td>
<td>PINS Date: May 25, 2012; Public Review Start: Jun 1, 2018; Approval Date: Sep 21, 2018</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/AWWA C200-2017</td>
<td>Steel Water Pipe - 6 In. (150 mm) and Larger (revision of ANSI/AWWA C200-2012)</td>
<td>PINS Date: May 3, 2013; Public Review Start: Dec 30, 2016; Approval Date: Feb 23, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/AWWA C205-2017</td>
<td>Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4 In. (100 mm) and Larger - Shop Applied (revision of ANSI/AWWA C205-2012)</td>
<td>PINS Date: May 3, 2013; Public Review Start: Sep 1, 2017; Approval Date: Oct 25, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/AWWA C206-2016</td>
<td>Field Welding of Steel Water Pipe (revision of ANSI/AWWA C206-2011)</td>
<td>PINS Date: May 3, 2013; Public Review Start: Sep 9, 2016; Approval Date: Nov 1, 2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/AWWA C207-2018</td>
<td>Steel Pipe Flanges for Waterworks Service, Sizes 4 In. Through 144 In. (100 mm Through 3,600 mm) (revision of ANSI/AWWA C207-2013)</td>
<td>PINS Date: Sep 12, 2014; Public Review Start: Sep 29, 2017; Approval Date: Dec 19, 2017</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date: May 3, 2013
Public Review Start: May 26, 2017
Approval Date: Sep 7, 2017

PINS Date: Sep 12, 2014
Public Review Start: May 10, 2019
Approval Date: Jul 9, 2019

PINS Date: Dec 4, 2009
Public Review Start: Feb 20, 2015
Approval Date: Jun 3, 2015

PINS Date: Dec 4, 2009
Public Review Start: Dec 19, 2014
Approval Date: Feb 12, 2015

PINS Date: Dec 4, 2009
Public Review Start: Sep 27, 2013
Approval Date: Nov 26, 2013

PINS Date: May 25, 2012
Public Review Start: Dec 4, 2015
Approval Date: Jan 22, 2016

PINS Date: Dec 4, 2009
Public Review Start: Sep 5, 2014
Approval Date: Oct 30, 2014

PINS Date: May 25, 2012
Public Review Start: Nov 6, 2015
Approval Date: Jan 8, 2016

PINS Date: Aug 5, 2016
Public Review Start: Mar 10, 2017
Approval Date: Apr 17, 2017

PINS Date: Apr 15, 2011
Public Review Start: May 27, 2016
Approval Date: Jul 26, 2016

PINS Date: May 3, 2013
Public Review Start: Dec 30, 2016
Approval Date: Feb 23, 2017

ANSI/AWWA C220-2017, *Stainless-Steel Pipe - 1/2 In. (13 mm) and Larger* (revision of ANSI/AWWA C220-2012)
PINS Date: May 3, 2013
Public Review Start: Feb 24, 2017
Approval Date: Apr 20, 2017

ANSI/AWWA C221-2018, *Fabricated Steel Mechanical Slip-Type Expansion Joints* (revision of ANSI/AWWA C221-2012)
PINS Date: May 3, 2013
Public Review Start: Dec 1, 2017
Approval Date: Feb 14, 2018

PINS Date: Apr 15, 2011
Public Review Start: Dec 1, 2017
Approval Date: Jan 24, 2018
<table>
<thead>
<tr>
<th>ANSI/AWWA Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/AWWA C226-2019</td>
<td>Stainless-Steel Fittings for Waterworks Service, Sizes 1/2 In. Through 72 In. (13 mm Through 1,800 mm) (revision of ANSI/AWWA C226-2013)</td>
<td>Sep 12, 2014</td>
<td>Nov 1, 2019</td>
<td></td>
</tr>
<tr>
<td>ANSI/AWWA C228-2018</td>
<td>Stainless-Steel Flange Joints for Water Service - Sizes 2 In. Through 72 In. (50 mm Through 1,800 mm) (revision of ANSI/AWWA C228-2014)</td>
<td>Jan 29, 2016</td>
<td>Oct 26, 2018</td>
<td>Dec 17, 2018</td>
</tr>
<tr>
<td>Standard Title</td>
<td>Status</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>----------------</td>
<td>--------</td>
<td>-----------</td>
<td>---------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>ANSI/AWWA C507-2018, Ball Valves, 6 In. Through 60 In. (150 mm Through 1,500 mm)</td>
<td>(revision of ANSI/AWWA C507-2014)</td>
<td>Sep 30, 2016</td>
<td>Nov 24, 2017</td>
<td>Feb 14, 2018</td>
</tr>
</tbody>
</table>
PINS Date: Sep 9, 2011
Public Review Start: Jan 1, 2016
Approval Date: Mar 9, 2016

PINS Date: Sep 12, 2014
Public Review Start: Aug 24, 2018
Approval Date: Oct 11, 2018

ANSI/AWWA C519-2018, High Performance Butterfly Valves, 3 In. (80 mm) Through 60 In. (1,500 mm) (new standard)
PINS Date: Oct 15, 2010
Public Review Start: Mar 23, 2018
Approval Date: May 18, 2018

ANSI/AWWA C520-2019, Knife Gate Valves, Sizes 2 In. (50 mm) Through 96 In. (2,400 mm) (revision of ANSI/AWWA C520-2014)
PINS Date: Jan 29, 2016
Public Review Start: Nov 23, 2018
Approval Date: Feb 1, 2019

ANSI/AWWA C521-2018, Plastic Ball Valves (new standard)
PINS Date: Nov 19, 2004
Public Review Start: May 18, 2018
Approval Date: Oct 8, 2018

ANSI/AWWA C530-2017, Pilot-Operated Control Valves (revision of ANSI/AWWA C530-2012)
PINS Date: May 3, 2013
Public Review Start: Jan 20, 2017
Approval Date: Apr 6, 2017

ANSI/AWWA C541-2016, Hydraulic and Pneumatic Cylinder and Vane-Type Actuators for Valves and Slide Gates (revision of ANSI/AWWA C541-2008)
PINS Date: Apr 15, 2011
Public Review Start: Nov 20, 2015
Approval Date: Jan 8, 2016

PINS Date: Sep 9, 2011
Public Review Start: Dec 25, 2015
Approval Date: Apr 7, 2016

PINS Date: Sep 12, 2014
Public Review Start: Dec 30, 2016
Approval Date: Feb 28, 2017

PINS Date: Apr 23, 2010
Public Review Start: Jan 3, 2014
Approval Date: Feb 25, 2014

ANSI/AWWA C560a-2015, Cast Iron Slide Gates (supplement to ANSI/AWWA C560-2014)
PINS Date: Apr 25, 2014
Public Review Start: Sep 5, 2014
Approval Date: Oct 29, 2014

PINS Date: May 3, 2013
Public Review Start: May 23, 2014
Approval Date: Jul 17, 2014

PINS Date: May 3, 2013
Public Review Start: May 23, 2014
Approval Date: Jul 23, 2014

PINS Date: May 3, 2013
Public Review Start: May 23, 2014
Approval Date: Jul 23, 2014
PINS Date: May 25, 2012
Approval Date: Feb 14, 2017

ANSI/AWWA C602-2017, *Cement-Mortar Lining of Water Pipelines in Place - 4 In. (100 mm) and Larger* (revision of ANSI/AWWA C602-2011)
PINS Date: May 3, 2013
Public Review Start: Dec 2, 2016
Approval Date: Jan 6, 2017

ANSI/AWWA C604-2017, *Installation of Buried Steel Water Pipe - 4 In. (100 mm) and Larger* (revision of ANSI/AWWA C604-2011)
PINS Date: May 3, 2013
Approval Date: Jan 6, 2017

PINS Date: Mar 14, 2008
Public Review Start: Nov 23, 2012
Approval Date: Apr 2, 2013

PINS Date: Sep 9, 2011
Public Review Start: Jan 2, 2015
Approval Date: Feb 20, 2015

ANSI/AWWA C620-2019, *Spray-In-Place Polymeric Lining for Potable Water Pipelines 4 In. (100 mm) and Larger* (revision of ANSI/AWWA C620-2008 (R2017))
PINS Date: Nov 10, 2017
Public Review Start: Nov 23, 2018
Approval Date: Feb 13, 2019

PINS Date: Apr 10, 2009
Public Review Start: Apr 13, 2018
Approval Date: Aug 16, 2018

ANSI/AWWA C622-2019, *Pipe Bursting of Potable Water Mains 4-In. to 36-In.* (new standard)
PINS Date: Apr 23, 2010
Public Review Start: Jul 26, 2019
Approval Date: Sep 16, 2019

PINS Date: Mar 14, 2008
Public Review Start: May 16, 2014
Approval Date: Nov 18, 2014

ANSI/AWWA C651a-2019, *Addendum to C651-14, Disinfecting Water Mains* (supplement to ANSI/AWWA C651-2014)
PINS Date: Jul 6, 2018
Public Review Start: Mar 15, 2019
Approval Date: Sep 9, 2019

PINS Date: Mar 14, 2008
Public Review Start: Sep 20, 2019
Approval Date: Nov 12, 2019

ANSI/AWWA C653-2020, *Disinfection of Water Treatment Plants* (revision of ANSI/AWWA C653-2013)
PINS Date: Sep 12, 2014
Public Review Start: Mar 27, 2020
Approval Date: May 15, 2020

PINS Date: Apr 14, 2006
Public Review Start: Feb 1, 2006
Approval Date: Apr 24, 2013

PINS Date: May 25, 2012
Public Review Start: Jul 7, 2017
Approval Date: Sep 1, 2017
ANSI/AWWA C670-2015, Online Chlorine Analyzer
Operation and Maintenance (revision of ANSI/AWWA C670-2009)
PINS Date: May 25, 2012
Public Review Start: Mar 13, 2015
Approval Date: Apr 15, 2015

ANSI/AWWA C671-2015, Online Turbidimeter Operation
and Maintenance (new standard)
PINS Date: Apr 23, 2010
Public Review Start: Sep 18, 2015
Approval Date: Nov 18, 2015

ANSI/AWWA C700-2020, Cold-Water Meters – Displacement Type, Metal Alloy Main Case (revision of ANSI/AWWA C700-2015)
PINS Date: Sep 30, 2016
Public Review Start: Nov 29, 2019
Approval Date: Mar 24, 2020

ANSI/AWWA C701-2019, Cold-Water Meters – Turbine Type, for Customer Service (revision of ANSI/AWWA C701-2015)
PINS Date: Sep 30, 2016
Public Review Start: Sep 27, 2019
Approval Date: Nov 21, 2019

ANSI/AWWA C702-2019, Cold-Water Meters – Compound Type (revision of ANSI/AWWA C702-2015)
PINS Date: Sep 30, 2016
Public Review Start: Sep 27, 2019
Approval Date: Nov 21, 2019

ANSI/AWWA C703-2019, Cold-Water Meters – Fire-Service Type (revision of ANSI/AWWA C703-2015)
PINS Date: Sep 30, 2016
Public Review Start: Sep 27, 2019
Approval Date: Nov 21, 2019

PINS Date: Sep 30, 2016
Public Review Start: Sep 27, 2019
Approval Date: Nov 21, 2019

ANSI/AWWA C707-2010 (R2015), Encoder-Type Remote-Registration Systems for Cold-Water Meters (reaffirmation of ANSI/AWWA C707-2010)
PINS Date:
Public Review Start: Jul 10, 2015
Approval Date: Aug 31, 2015

PINS Date: Sep 30, 2016
Public Review Start: Sep 27, 2019
Approval Date: Nov 21, 2019

ANSI/AWWA C710-2020, Cold-Water Meters – Displacement Type, Plastic Main Case (revision of ANSI/AWWA C710-2015)
PINS Date: Sep 30, 2016
Public Review Start: Nov 29, 2019
Approval Date: Mar 24, 2020

PINS Date: Sep 30, 2016
Public Review Start: Sep 27, 2019
Approval Date: Nov 21, 2019

PINS Date: Sep 30, 2016
Public Review Start: Sep 27, 2019
Approval Date: Nov 21, 2019

PINS Date: Sep 12, 2014
Public Review Start: Apr 12, 2019
Approval Date: Jun 7, 2019

ANSI/AWWA C715-2018, Cold Water Meters - Electromagnetic and Ultrasonic Type, for Revenue Applications (new standard)
PINS Date: Dec 28, 2012
Public Review Start: Mar 30, 2018
Approval Date: Jun 15, 2018
### ANSI/AWWA C750-2019, Transit-Time Flowmeters in Full Closed Conduits (revision of ANSI/AWWA C750-2016)
- **PINS Date:** Sep 1, 2017
- **Public Review Start:** Jul 12, 2019
- **Approval Date:** Sep 9, 2019

### ANSI/AWWA C751-2019, Magnetic Inductive Flowmeters (revision of ANSI/AWWA C751-2015)
- **PINS Date:** Sep 1, 2017
- **Public Review Start:** Jul 12, 2019
- **Approval Date:** Sep 9, 2019

### ANSI/AWWA C800-2014, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-2012)
- **PINS Date:** Mar 22, 2013
- **Public Review Start:** Feb 28, 2014
- **Approval Date:** May 13, 2014

### ANSI/AWWA C810-2017, Replacement and Flushing of Lead Service Lines (new standard)
- **PINS Date:** Aug 14, 2015
- **Public Review Start:** May 19, 2017
- **Approval Date:** Sep 1, 2017

### ANSI/AWWA C900-2016, Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. through 60 In. (100 mm through 1,500 mm) for Water Transmission and Distribution (revision of ANSI/AWWA C900-2007, ANSI/AWWA C905-2010)
- **PINS Date:** Apr 23, 2010
- **Public Review Start:** Jan 30, 2015
- **Approval Date:** Apr 7, 2016

### ANSI/AWWA C901-2017, Polyethylene (PE) Pressure Pipe and Tubing, 3/4 In. (19 mm) Through 3 In. (76 mm), for Water Service (revision of ANSI/AWWA C901-2008)
- **PINS Date:** Apr 15, 2011
- **Public Review Start:** Sep 9, 2016
- **Approval Date:** May 11, 2017

### ANSI/AWWA C903-2016, Polyethylene-Aluminum-Polyethylene (PE-AL-PE) Composite Pressure Pipe, 12 mm (1/2 In.) Through 51 mm (2 In.) for Water Service (revision of ANSI/AWWA C903-2005)
- **PINS Date:** Mar 14, 2008
- **Public Review Start:** Jan 22, 2016
- **Approval Date:** May 31, 2016

### ANSI/AWWA C904-2015, Cross-linked Polyethylene (PEX) Pressure Tubing, 1/2 In. (13 mm) Through 3 In. (76 mm), for Water Service (revision of ANSI/AWWA C904-2006)
- **PINS Date:** Mar 14, 2008
- **Public Review Start:** Aug 21, 2015
- **Approval Date:** Nov 9, 2015

### ANSI/AWWA C906-2014, Polyethylene (PE) Pressure Pipe and Fittings, 4 in. through 65 in. (100 mm through 1,600 mm), for Waterworks (revision of ANSI/AWWA C906-2007)
- **PINS Date:** Jul 18, 2008
- **Public Review Start:** May 18, 2012
- **Approval Date:** Sep 3, 2014

- **PINS Date:** May 3, 2013
- **Public Review Start:** Mar 10, 2017
- **Approval Date:** May 4, 2017

### ANSI/AWWA C909-2015, Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe, 4 In. (100 Mm) and Larger (revision of ANSI/AWWA C909-2009)
- **PINS Date:** Sep 9, 2011
- **Public Review Start:** Sep 11, 2015
- **Approval Date:** Nov 19, 2015

### ANSI/AWWA C950-2020, Fiberglass Pressure Pipe (revision of ANSI/AWWA C950-2013)
- **PINS Date:** Sep 12, 2014
- **Public Review Start:** Feb 14, 2020
- **Approval Date:** Apr 3, 2020

### ANSI/AWWA D100-2011, Welded Carbon Steel Tanks for Water Storage (revision of ANSI/AWWA D100-2005)
- **PINS Date:** Mar 14, 2008
- **Public Review Start:** Feb 11, 2011
- **Approval Date:** Apr 8, 2011

### ANSI/AWWA D102-2017, Coating Steel Water-Storage Tanks (revision of ANSI/AWWA D102-2014)
- **PINS Date:** Sep 12, 2014
- **Public Review Start:** May 26, 2017
- **Approval Date:** Aug 3, 2017
PINS Date: Jul 23, 2010
Public Review Start: Apr 19, 2019
Approval Date: Jun 11, 2019

PINS Date: May 25, 2012
Public Review Start: May 19, 2017
Approval Date: Aug 3, 2017

PINS Date: Sep 1, 2017
Public Review Start: Dec 20, 2019
Approval Date: Feb 4, 2020

PINS Date: May 25, 2012
Public Review Start: Nov 6, 2015
Approval Date: Dec 21, 2015

PINS Date: May 25, 2012
Public Review Start: Apr 19, 2019
Approval Date: Jun 11, 2019

ANSI/AWWA D110-2013 (R2018), Wire- and Strand-Wound, Circular, Prestressed Concrete Water Tanks (reaffirmation of ANSI/AWWA D110-2013)
PINS Date: Sep 12, 2014
Public Review Start: Feb 23, 2018
Approval Date: May 2, 2018

PINS Date: Jul 19, 2019
Public Review Start: Nov 22, 2019
Approval Date: Jan 27, 2020

PINS Date: May 25, 2012
Public Review Start: Apr 12, 2019
Approval Date: Jun 3, 2019

ANSI/AWWA D121-2012, Bolted Aboveground Thermosetting Fiberglass-Reinforced Plastic Panel-Type Tanks for Water Storage (new standard)
PINS Date: Mar 14, 2008
Approval Date: Mar 27, 2012

ANSI/AWWA D121a-2014, Bolted Aboveground Thermosetting Fiberglass-Reinforced Plastic Panel-Type Tanks for Water Storage (supplement to ANSI/AWWA D121-2012)
PINS Date: Apr 19, 2013
Public Review Start: Sep 27, 2013
Approval Date: Nov 26, 2013

ANSI/AWWA D130-2011 (R2019), Geomembrane Materials for Potable Water Applications (reaffirmation of ANSI/AWWA D130-2011)
PINS Date: May 3, 2013
Public Review Start: May 24, 2019
Approval Date: Jul 19, 2019

PINS Date: Apr 15, 2011
Approval Date: Feb 23, 2017

PINS Date: Apr 15, 2011
Public Review Start: May 8, 2015
Approval Date: Nov 9, 2015
ANSI/AWWA E200-2018, Progressive Cavity Chemical Metering Pumps (new standard)
PINS Date: Dec 26, 2014
Public Review Start: Dec 1, 2017
Approval Date: Feb 14, 2018

PINS Date: Sep 12, 2014
Public Review Start: Dec 28, 2018
Approval Date: Feb 22, 2019

PINS Date: Sep 12, 2014
Public Review Start: Nov 16, 2018
Approval Date: Feb 1, 2019

ANSI/AWWA F110-2016, UV Disinfection Systems for Drinking Water (revision of ANSI/AWWA F110-2012)
PINS Date: May 3, 2013
Public Review Start: May 20, 2016
Approval Date: Jul 26, 2016

ANSI/AWWA F120-2018, Ozone Systems for Water (new standard)
PINS Date: Apr 16, 2004
Public Review Start: Dec 29, 2017
Approval Date: Mar 16, 2018

ANSI/AWWA G100-2017, Water Treatment Plant Operation and Management (revision of ANSI/AWWA G100-2011)
PINS Date: May 3, 2013
Approval Date: Apr 27, 2017

PINS Date: May 25, 2012
Public Review Start: Dec 5, 2014
Approval Date: Jan 28, 2015

ANSI/AWWA G300-2014, Source Water Protection (revision of ANSI/AWWA G300-2007)
PINS Date: Apr 23, 2010
Approval Date: Feb 6, 2014

PINS Date: May 25, 2012
Public Review Start: Dec 22, 2017
Approval Date: Feb 27, 2018

PINS Date: May 25, 2012
Public Review Start: May 25, 2018
Approval Date: Oct 5, 2018

PINS Date: May 25, 2012
Public Review Start: Dec 30, 2016
Approval Date: Mar 27, 2017

PINS Date: Apr 15, 2011
Public Review Start: May 9, 2014
Approval Date: Jul 8, 2014

PINS Date: May 3, 2013
Public Review Start: Nov 18, 2016
Approval Date: Jan 24, 2017

ANSI/AWWA G480-2013, Water Conservation Program Operation and Management (new standard)
PINS Date: Apr 10, 2009
Public Review Start: Mar 1, 2013
Approval Date: Apr 29, 2013

ANSI/AWWA G481-2014, Reclaimed Water Programs Operation and Management (new standard)
PINS Date: Apr 3, 2009
Public Review Start: Sep 27, 2013
Approval Date: Jan 23, 2014
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/AWWA G485-2018, Direct Potable Reuse Program  
**Operation and Management (new standard)**
- PINS Date: May 23, 2014
- Public Review Start: Dec 15, 2017
- Approval Date: Feb 27, 2018

ANSI/AWWA G510-2013, Wastewater Treatment Plant  
**Operations and Management (new standard)**
- PINS Date: Sep 24, 1999
- Public Review Start: May 24, 2013
- Approval Date: Nov 26, 2013

ANSI/AWWA G520-2017, Wastewater Collection System  
**Operation and Management (new standard)**
- PINS Date: Sep 24, 1999
- Public Review Start: Dec 30, 2016
- Approval Date: Mar 2, 2017

ANSI/AWWA J100-2010 (R2013), Risk and Resilience  
**Management of Water and Wastewater Systems**  
(reaffirmation of ANSI/AWWA J100-2010)
- PINS Date:  
- Public Review Start: May 10, 2013
- Approval Date: Sep 13, 2013

ANSI B11.10-2003 (R2015), Safety Requirements for Metal  
**Sawing Machines**  
(reaffirmation of ANSI B11.10-2003 (R2009))
- PINS Date:  
- Public Review Start: Feb 21, 2014
- Approval Date: Jul 13, 2015

ANSI B11.11-2001 (R2012), Safety Requirements for Gear  
**and Spline Cutting Machines**  
(reaffirmation of ANSI B11.11-2001 (R2007))
- PINS Date:  
- Public Review Start: Jul 6, 2012
- Approval Date: Nov 27, 2012

ANSI B11.12-2005 (R2020), Safety Requirements for Roll  
**Forming & Roll Bending Machines**  
(reaffirmation of ANSI B11.12-2005 (R2015))
- PINS Date:  
- Public Review Start: Feb 28, 2020
- Approval Date: May 7, 2020

ANSI B11.13-1992 (R2012), Single and Multiple-Spindle  
**Automatic Bar, and Chucking Machines - Safety**  
**Requirements for Construction, Care, and Use**  
(reaffirmation of ANSI B11.13-1992 (R2007))
- PINS Date:  
- Public Review Start: Jul 6, 2012
- Approval Date: Nov 27, 2012

ANSI B11.13-1992 (R2020), Safety Requirements for  
**Single and Multiple-Spindle Automatic Bar, and Chucking**  
**Machines**  
(reaffirmation of ANSI B11.13-1992 (R2012))
- PINS Date:  
- Public Review Start: Feb 28, 2020
- Approval Date: May 8, 2020
ANSI B11.15-2001 (R2020), Safety Requirements for Pipe, Tube and Shape Bending Machines (reaffirmation of ANSI B11.15-2001 (R2012))
PINS Date: Public Review Start: Feb 28, 2020 Approval Date: May 8, 2020

ANSI B11.16 (MPIF 47)-2003 (R2020), Safety Requirements for Powder / Metal Compacting Presses (reaffirmation and redesignation of ANSI B11.16-2014)
PINS Date: Public Review Start: Jul 19, 2019 Approval Date: Jan 6, 2020

PINS Date: Public Review Start: Feb 21, 2014 Approval Date: Jul 14, 2015

ANSI B11.18-1997 (R2012), Safety Requirements for Machines Processing or Slitting Coiled or Non-coiled Metal (reaffirmation of ANSI B11.18-1997 (R2006))
PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Nov 27, 2012

ANSI B11.18-1997 (R2020), Safety Requirements for Machines Processing or Slitting Coiled or Non-coiled Metal (reaffirmation of ANSI B11.18-1997 (R2012))
PINS Date: Public Review Start: Feb 28, 2020 Approval Date: May 8, 2020

ANSI B11.2-2013 (R2020), Safety Requirements for Hydraulic and Pneumatic Power Presses (reaffirmation of ANSI B11.2-2013)
PINS Date: Aug 4, 2017 Public Review Start: Feb 28, 2020 Approval Date: May 8, 2020

PINS Date: Aug 8, 2014 Public Review Start: Jun 16, 2017 Approval Date: Sep 12, 2017

PINS Date: Public Review Start: Feb 28, 2020 Approval Date: May 7, 2020

ANSI B11.22-2001 (R2020), Safety Requirements for Turning Centers &Automatic Numerically Controlled Turning Machines (reaffirmation of ANSI B11.22-2001 (R2012))
PINS Date: Feb 18, 2011 Public Review Start: Feb 28, 2020 Approval Date: May 8, 2020

ANSI B11.23-2001 (R2020), Safety Requirements for Machining Centers and Automatic Numerically Controlled Milling, Drilling and Boring Machines (reaffirmation of ANSI B11.23-2001 (R2012))
PINS Date: Feb 18, 2011 Public Review Start: Feb 28, 2020 Approval Date: May 8, 2020

ANSI B11.24-2001 (R2020), Safety Requirements for Transfer Machines (reaffirmation of ANSI B11.24-2001 (R2012))
PINS Date: Feb 18, 2011 Public Review Start: Feb 28, 2020 Approval Date: May 7, 2020

ANSI B11.25-2015, Safety requirements for large machines (new standard)
PINS Date: Feb 8, 2013 Public Review Start: Mar 6, 2015 Approval Date: Apr 7, 2015

PINS Date: Sep 14, 2012 Public Review Start: Jun 22, 2018 Approval Date: Nov 27, 2018

ANSI B11.3-2012 (R2020), Safety Requirements for Power Press Brakes (reaffirmation of ANSI B11.3-2012)
PINS Date: Jul 7, 2017 Public Review Start: Feb 28, 2020 Approval Date: May 8, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>(Reaffirmation of)</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/BHMA A156.11-2019</td>
<td>Standard for Cabinet Locks</td>
<td>ANSI/BHMA A156.11-2014</td>
<td>Jan 5, 2018</td>
<td>Aug 6, 2019</td>
<td></td>
</tr>
<tr>
<td>ANSI/BHMA Standard</td>
<td>Description</td>
<td>Date of Approval</td>
<td>Date of Public Review Start</td>
<td>Date of PINs Date</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------</td>
<td>-----------------</td>
<td>----------------------------</td>
<td>-------------------</td>
<td></td>
</tr>
<tr>
<td>ANSI/BHMA A156.12-2018</td>
<td>Interconnected Locks</td>
<td>Aug 10, 2018</td>
<td>Jun 22, 2018</td>
<td>Jan 5, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/BHMA A156.18-2016</td>
<td>Materials And Finishes</td>
<td>Jun 30, 2016</td>
<td>Apr 15, 2016</td>
<td>May 1, 2015</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Jan 5, 2018  
Public Review Start: Jun 22, 2018  
Approval Date: Aug 10, 2018

PINS Date: Oct 14, 2016  
Public Review Start: Sep 22, 2017  
Approval Date: Dec 12, 2017

PINS Date: Aug 21, 2015  
Public Review Start: Feb 1, 2019  
Approval Date: Apr 9, 2019

ANSI/BHMA A156.28-2013 (R2018), *Recommended Practice for Mechanical Keying Systems* (reaffirmation of ANSI/BHMA A156.28-2013)
PINS Date: Jun 22, 2018  
Public Review Start: Aug 17, 2018  
Approval Date: Oct 5, 2018

PINS Date: Oct 14, 2016  
Public Review Start: Sep 22, 2017  
Approval Date: Dec 19, 2017

ANSI/BHMA A156.3-2014, *Exit Devices* (revision of ANSI/BHMA A156.3-2008)
PINS Date: Feb 1, 2013  
Public Review Start: Mar 21, 2014  
Approval Date: Jun 9, 2014

PINS Date: Nov 30, 2018  
Public Review Start: Jan 3, 2020  
Approval Date: Apr 1, 2020

PINS Date: Jan 5, 2018  
Public Review Start: Feb 1, 2019  
Approval Date: Apr 9, 2019

PINS Date: Feb 1, 2013  
Public Review Start: Sep 5, 2014  
Approval Date: Dec 15, 2014

PINS Date: Oct 14, 2016  
Public Review Start: Nov 2, 2018  
Approval Date: Jan 17, 2019

ANSI/BHMA A156.34-2019, *Standard for Bored Locks And Mortise Locks With Ligature Resistant Trim* (revision of ANSI/BHMA A156.34-2016)
PINS Date: Jan 5, 2018  
Public Review Start: Nov 23, 2018  
Approval Date: Jan 17, 2019

ANSI/BHMA A156.36-2016, *Auxiliary Locks* (revision of ANSI/BHMA A156.36-2010)
PINS Date: Dec 19, 2014  
Public Review Start: Jun 17, 2016  
Approval Date: Nov 7, 2016

PINS Date: Dec 9, 2011  
Public Review Start: Mar 21, 2014  
Approval Date: Jun 9, 2014

PINS Date: Nov 30, 2018  
Public Review Start: Oct 25, 2019  
Approval Date: Dec 19, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Date of Approval</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/BHMA A156.4-2019</td>
<td>Standard for Door Controls - Closers (revision of ANSI/BHMA A156.4-2013)</td>
<td>Jul 9, 2019</td>
<td>Mar 22, 2019</td>
<td>Jul 9, 2019</td>
</tr>
<tr>
<td>ANSI/BHMA A156.41-2017</td>
<td>BHMA A156.41 Door Hardware Single Motion To Egress (new standard)</td>
<td>Dec 12, 2017</td>
<td>Sep 22, 2017</td>
<td>Dec 12, 2017</td>
</tr>
<tr>
<td>ANSI/BHMA A156.5-2020</td>
<td>Standard for Cylinders and Input Devices (revision of ANSI/BHMA A156.5-2014)</td>
<td>Apr 1, 2020</td>
<td>Jan 3, 2020</td>
<td>Apr 1, 2020</td>
</tr>
</tbody>
</table>
PINS Date: Oct 16, 2015
Approval Date: Apr 19, 2016

PINS Date: Jul 6, 2018
Public Review Start: Jul 26, 2019
Approval Date: Nov 11, 2019

PINS Date: Jun 14, 2019
Public Review Start: Mar 27, 2020
Approval Date: May 4, 2020

ANSI/BICSI 008-2018, Wireless Local Area Network (WLAN) Systems Design and Implementation (new standard)
PINS Date: Oct 16, 2015
Public Review Start: Oct 20, 2017
Approval Date: Dec 4, 2017

ANSI/BICSI N1-2019, Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure (new standard)
PINS Date: May 26, 2017
Public Review Start: Oct 5, 2018
Approval Date: Dec 6, 2018

ANSI/BICSI N2-2017, Practices For The Installation of Telecommunications and ICT Cabling Intended to Support Remote Power Applications (new standard)
PINS Date: May 26, 2017
Public Review Start: Jul 28, 2017
Approval Date: Oct 11, 2017

ANSI/BICSI N3-2019, Planning and Installation Methods for the Bonding and Grounding of Telecommunication and ICT Systems and Infrastructure (new standard)
PINS Date: Oct 5, 2018
Public Review Start: Oct 18, 2019
Approval Date: Dec 17, 2019

BIFMA (Business and Institutional Furniture Manufacturers Association)
www.bifma.org

PINS Date: Oct 11, 2013
Public Review Start: Dec 2, 2016
Approval Date: Apr 12, 2016

PINS Date: May 2, 2014
Public Review Start: Dec 2, 2016
Approval Date: Feb 2, 2017

ANSI/BIFMA X5.11-2015, General-Purpose Large Occupant Office Chairs - Test (new standard)
PINS Date: Aug 5, 2011
Public Review Start: Jun 20, 2014
Approval Date: Jan 5, 2015

ANSI/BIFMA X5.4-2020, Public and Lounge Seating (revision of ANSI/BIFMA X5.4-2012)
PINS Date: Aug 19, 2016
Public Review Start: Feb 14, 2020
Approval Date: May 14, 2020

ANSI/BIFMA X5.5-2014, Desk/Table Products - Tests (revision of ANSI/BIFMA X5.5-2008)
PINS Date: Mar 16, 2012
Public Review Start: Dec 6, 2013
Approval Date: Feb 26, 2014
Approved American National Standards

ANSI/BIFMA X5.6-2016, Panel Systems - Tests (revision of ANSI/BIFMA X5.6-2010)
PINS Date: May 2, 2014
Public Review Start: Sep 4, 2015
Approval Date: Jan 8, 2016

ANSI/BIFMA X5.9-2019, Storage Units (revision of ANSI/BIFMA X5.9-2012)
PINS Date: Aug 19, 2016
Public Review Start: Oct 26, 2018
Approval Date: Feb 1, 2019

PINS Date: Aug 19, 2016
Public Review Start: Jan 19, 2018
Approval Date: Apr 10, 2018

PINS Date: Oct 11, 2013
Public Review Start: Dec 18, 2015
Approval Date: Apr 12, 2016

ANSI/BIFMA/SOHO S6.5-2008 (R2013), Small Office / Home Office Furniture - Tests (reaffirmation of ANSI/BIFMA/SOHO S6.5-2008)
PINS Date: Dec 28, 2012
Public Review Start: Apr 26, 2013
Approval Date: Sep 17, 2013

BPI (Building Performance Institute)
www.bpi.org

PINS Date: Jul 17, 2015
Public Review Start: Mar 3, 2017
Approval Date: Sep 12, 2017

PINS Date: Sep 16, 2016
Public Review Start: Feb 14, 2020
Approval Date: Mar 19, 2020

PINS Date: Sep 16, 2016
Public Review Start: Oct 12, 2018
Approval Date: Feb 8, 2019

ANSI/BOMA Z65.4-2010, Multi-Unit Residential Buildings: Standard Methods of Measurement (new standard)
PINS Date: Apr 11, 2008
Public Review Start: Feb 26, 2010
Approval Date: Jun 7, 2010

ANSI/BOMA Z65.5-2010, Retail Buildings: Standard Methods of Measurement (new standard)
PINS Date: Jul 11, 2008
Public Review Start: Feb 26, 2010
Approval Date: Jun 25, 2010

ANSI/BOMA Z65.6-2012, Mixed-Use Properties: Standard Methods of Measurement (new standard)
PINS Date: Feb 26, 2010
Approval Date: Aug 7, 2012

BOMA (Building Owners and Managers Association)
www.boma.org

ANSI/BPI-1100-T-2014, Home Energy Auditing Standard (new standard)
PINS Date: Oct 22, 2010
Public Review Start: Jul 11, 2014
Approval Date: Nov 18, 2014

PINS Date: Apr 7, 2017
Public Review Start: May 12, 2017
Approval Date: Jul 31, 2017
CAGI (Compressed Air and Gas Institute)  
www.cagi.orgwelcome.htm

PINS Date: Nov 27, 2009  
Public Review Start: Mar 18, 2011  
Approval Date: Nov 11, 2011

PINS Date: Oct 15, 2010  
Public Review Start: Jul 20, 2012  
Approval Date: Jul 1, 2013  
ISO Adoption

CAPA (Certified Automotive Parts Association)  
www.CAPAcertified.org

PINS Date: May 31, 2019  
Public Review Start: Jul 19, 2019  
Approval Date: Sep 10, 2019

PINS Date: May 31, 2019  
Public Review Start: Jul 19, 2019  
Approval Date: Sep 10, 2019

CEMA (Conveyor Equipment Manufacturers Association)  
www.cemanet.org

ANSI/CEMA 102-2012, Conveyor Terms and Definitions (revision of ANSI/CEMA 102-2006)  
PINS Date: Jan 8, 2010  
Public Review Start: Sep 9, 2011  
Approval Date: Jan 31, 2012

ANSI/CEMA 300-2015, Screw Conveyor Dimensional Standards (revision of ANSI/CEMA 300-2009)  
PINS Date: Aug 23, 2013  
Approval Date: Jan 28, 2015

PINS Date: Aug 23, 2013  
Approval Date: Jan 28, 2015

PINS Date:  
Public Review Start: Nov 7, 2014  
Approval Date: Jan 28, 2015

PINS Date: Aug 23, 2013  
Public Review Start: Nov 7, 2014  
Approval Date: Jan 28, 2015

PINS Date: Nov 7, 2014  
Public Review Start: Dec 5, 2014  
Approval Date: Aug 26, 2015

PINS Date: Aug 10, 2018  
Public Review Start: Oct 26, 2018  
Approval Date: Feb 15, 2019

ANSI/CEMA Standard No. 401-2020, Roller Conveyors - Non-Powered (revision and redesignation of ANSI/CEMA 401-2003 (R2015))  
PINS Date: Nov 15, 2019  
Public Review Start: Jan 3, 2020  
Approval Date: Mar 19, 2020
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Nov 15, 2019
Public Review Start: Mar 20, 2020
Approval Date: May 7, 2020

PINS Date: Nov 15, 2019
Public Review Start: Jan 3, 2020
Approval Date: Mar 19, 2020

PINS Date: Nov 22, 2019
Public Review Start: Jan 3, 2020
Approval Date: Mar 19, 2020

ANSI/CEMA Standard No. 405-2003 (R2020), Slat Conveyors (reaffirmation and redesignation of ANSI/CEMA 405-2003 (R2015))
PINS Date: Nov 22, 2019
Public Review Start: Jan 3, 2020
Approval Date: Mar 19, 2020

PINS Date: Nov 22, 2019
Public Review Start: Jan 3, 2020
Approval Date: Mar 19, 2020

PINS Date: Nov 15, 2019
Public Review Start: Jan 3, 2020
Approval Date: Mar 17, 2020

CGA (Compressed Gas Association)
www.cganet.com

ANSI CGA G-2.1-2014, Standard Safety Requirements for the Storage and Handling of Anhydrous Ammonia (ANSI K61.1) (new standard)
PINS Date: Jan 9, 2009
Public Review Start: Jul 12, 2013
Approval Date: Dec 12, 2014

ANSI/CGA G-13-2016, Storage and Handling of Silane and Silane Mixtures (revision of ANSI/CGA G-13-2006)
PINS Date: 
Approval Date: Aug 4, 2016

PINS Date: May 17, 2013
Public Review Start: Mar 21, 2014
Approval Date: Sep 8, 2014

ANSI/CGA M-1-2018, Standard for Medical Gas Supply Systems at Health Care Facilities (new standard)
PINS Date: Dec 27, 2013
Public Review Start: Mar 11, 2016
Approval Date: Mar 23, 2018

PINS Date: Apr 8, 2011
Public Review Start: Jan 25, 2013
Approval Date: Sep 3, 2013

CPA (Composite Panel Association)
www.CompositePanel.org

ANSI A135.4-2012 (R2020), Basic Hardboard (reaffirmation of ANSI A135.4-2012)
PINS Date: Mar 9, 2018
Public Review Start: Apr 26, 2019
Approval Date: Mar 13, 2020
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI A135.5-2012 (R2020), Prefinished Hardboard Paneling (reaffirmation of ANSI A135.5-2012)
PINS Date: Mar 9, 2018
Public Review Start: Apr 26, 2019
Approval Date: Mar 13, 2020

ANSI A135.6-2012 (R2020), Engineered Wood Siding (reaffirmation of ANSI A135.6-2012)
PINS Date: Mar 9, 2018
Public Review Start: Apr 26, 2019
Approval Date: Mar 13, 2020

ANSI A135.7-2010 (R2020), Engineered Wood Trim (reaffirmation of ANSI A135.7-2010)
PINS Date: Mar 9, 2018
Public Review Start: Apr 26, 2019
Approval Date: Mar 13, 2020

ANSI A208.1-2016, Particleboard (revision of ANSI A208.1-2009)
PINS Date: Feb 7, 2014
Public Review Start: Nov 27, 2015
Approval Date: May 12, 2016

ANSI A208.2-2016, Medium Density Fiberboard (MDF) for Interior Applications (revision of ANSI A208.2-2009)
PINS Date: Feb 7, 2014
Public Review Start: Nov 27, 2015
Approval Date: May 12, 2016

ANSI/CPLSO-17-2017, Electrical Characteristics of ECDs and CEWs. (new standard)
PINS Date: Mar 10, 2017
Public Review Start: Aug 18, 2017
Approval Date: Oct 11, 2017

CRRC (Cool Roof Rating Council)
www.coolroofs.org

PINS Date: May 16, 2014
Approval Date: Apr 25, 2016

CRSI (Concrete Reinforcing Steel Institute)
www.crsi.org

PINS Date: Apr 29, 2016
Public Review Start: Sep 2, 2016
Approval Date: Nov 30, 2016

PINS Date: Apr 29, 2016
Public Review Start: Sep 2, 2016
Approval Date: Nov 30, 2016

PINS Date: Apr 29, 2016
Public Review Start: Sep 2, 2016
Approval Date: Nov 30, 2016

CPLSO (CPLSO)

ANSI/CPLSO-14-2016, Crane Insulators (new standard)
PINS Date: Feb 19, 2016
Public Review Start: Apr 15, 2016
Approval Date: Oct 19, 2016

PINS Date: Sep 30, 2016
Public Review Start: Dec 16, 2016
Approval Date: Feb 16, 2017
### ANSI/CRSI IPG4.1-2016, Standard Practice for Stainless Steel Reinforcing Bar Fabrication Facilities  
(new standard)  
PINS Date:  Jul 3, 2015  
Public Review Start:  Sep 2, 2016  
Approval Date:  Nov 30, 2016

### ANSI/CRSI RB4.1-2016, CRSI Standard for Supports for Reinforcement Used in Concrete  
(revision of ANSI/CRSI RB4.1-2014)  
PINS Date:  Apr 29, 2016  
Public Review Start:  Sep 16, 2016  
Approval Date:  Nov 30, 2016

### ANSI CSA LNG 4.1-2018, Liquefied natural gas (LNG) dispensing systems for natural gas vehicles (NGV)  
(new standard)  
PINS Date:  May 12, 2017  
Public Review Start:  Apr 13, 2018  
Approval Date:  Jun 8, 2018

### ANSI HGV 3.1-2014 (R2019), Fuel system components for compressed hydrogen gas powered vehicles  
(reaffirmation of ANSI/CSA HGV 3.1-2014)  
PINS Date:  
Public Review Start:  Nov 30, 2018  
Approval Date:  Feb 5, 2019

(revision of ANSI LC 1-2018/CSA 6.26-2018)  
PINS Date:  Apr 12, 2019  
Public Review Start:  Aug 9, 2019  
Approval Date:  Nov 11, 2019

### ANSI NGV 4.8/CSA 12.8-2012 (R2016), Natural gas vehicle fueling station reciprocating compressor guidelines  
(same as CSA 12.8)  
(reaffirmation of ANSI NGV 4.8/CSA 12.8-2012)  
PINS Date:  
Approval Date:  Nov 30, 2016

(revision of ANSI Z21.1-2016)  
PINS Date:  Apr 6, 2018  
Public Review Start:  Jul 20, 2018  
Approval Date:  Nov 29, 2018

### ANSI Z21.10.1-2019, Gas Water Heaters, Volume I, Storage Water Heaters with Input ratings of 75,000 Btu per Hour or Less, same as CSA 4.1  
(revision and redesignation of ANSI Z21.10.1-2017)  
PINS Date:  Dec 29, 2017  
Public Review Start:  May 3, 2019  
Approval Date:  Sep 23, 2019

### ANSI Z21.101-2018, Standard for Gas Hose Connectors for Portable and Moveable Gas Appliances, same as CSA 8.5  
(revision of ANSI Z21.101-2012 (R2017))  
PINS Date:  Nov 11, 2016  
Public Review Start:  Jan 19, 2018  
Approval Date:  Mar 6, 2018

### ANSI Z21.103-2017, Unvented Portable Type Gas Camp Heaters for Indoor and Outdoor Use, same as BSR Z21.103  
(new standard)  
PINS Date:  Sep 28, 2012  
Public Review Start:  Aug 25, 2017  
Approval Date:  Dec 6, 2017

(revision and redesignation of ANSI Z21.104-2016)  
PINS Date:  Dec 6, 2018  
Public Review Start:  Mar 6, 2019  
Approval Date:  Aug 7, 2019

### ANSI Z21.11.3-2016, Gas-Fired Room Heaters, Volume III, Propane-Fired Portable Emergency Use Heater Systems  
(revision of ANSI Z21.11.3-2013)  
PINS Date:  Mar 28, 2014  
Approval Date:  Nov 29, 2014

---

**CSA (CSA America Standards Inc.)**  
[www.csagroup.org](http://www.csagroup.org)
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Feb 14, 2020</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Mar 31, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jan 1, 2016</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 10, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 11, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jul 6, 2018</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Aug 9, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Sep 26, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Aug 29, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI Z21.18-2019, Gas Appliance Pressure Regulators, same as CSA 6.3-201x</th>
<th>Gas Appliance Pressure Regulators, same as CSA 6.3-201x (revision of ANSI Z21.18-2007 (R2017), ANSI Z21.18a-1010 (R2017), ANSI Z21.18b-2012 (R2017))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jan 12, 2018</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>May 18, 2018</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 4, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 27, 2018</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Feb 22, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 4, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Oct 28, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 21, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Jan 25, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 23, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Dec 29, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 9, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Mar 6, 2020</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 8, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Dec 20, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 4, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Feb 28, 2020</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 15, 2020</td>
</tr>
</tbody>
</table>


ANSI Z21.50-2019, Vented decorative gas appliances, same as CSA 2.22 (revision of ANSI Z21.50-2016) PINS Date: Dec 30, 2016 Public Review Start: Jan 25, 2019 Approval Date: Apr 10, 2019

ANSI Z21.54-2019, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances, same as CSA 8.4 (revision of ANSI Z21.54-2014) PINS Date: Jan 5, 2018 Public Review Start: Jan 25, 2019 Approval Date: Mar 14, 2019


ANSI Z21.58-2018, Outdoor Cooking Gas Appliances, same as CSA 1.6-201x (revision of ANSI Z21.58-2015) PINS Date: Jul 1, 2016 Public Review Start: Jun 16, 2017 Approval Date: Jan 10, 2018
PINS Date: 
Public Review Start:  Sep 16, 2016
Approval Date:  Jan 6, 2017

PINS Date:  Apr 27, 2018
Public Review Start:  Feb 22, 2019
Approval Date:  Aug 8, 2019

PINS Date:  Dec 5, 2014
Public Review Start:  Feb 14, 2020
Approval Date:  Mar 31, 2020

PINS Date:  Feb 28, 2020
Public Review Start:  Feb 15, 2019
Approval Date:  Apr 15, 2020

PINS Date:  Oct 28, 2016
Public Review Start:  Dec 21, 2016

PINS Date:  Aug 12, 2016
Public Review Start:  Feb 15, 2019
Approval Date:  Sep 16, 2019

PINS Date:  Dec 26, 2014
Public Review Start:  May 19, 2017
Approval Date:  Jul 13, 2017

PINS Date:  Aug 5, 2016
Public Review Start:  Aug 18, 2017
Approval Date:  Dec 14, 2017

PINS Date:  Feb 6, 2015
Public Review Start:  Jul 24, 2015
Approval Date:  Apr 11, 2016

PINS Date:  Jul 27, 2012
Approval Date:  Nov 7, 2016

PINS Date:  Nov 29, 2019
Public Review Start:  Jan 14, 2020

PINS Date:  Dec 20, 2019
Public Review Start:  Feb 4, 2020
PINS Date: Jan 3, 2017
Approval Date: Jan 3, 2017

PINS Date: Jul 5, 2013
Public Review Start: Aug 11, 2017
Approval Date: Feb 4, 2019

PINS Date: Jan 12, 2018
Public Review Start: May 18, 2018
Approval Date: Mar 17, 2020

PINS Date: Jan 31, 2020
Public Review Start: Jan 31, 2020
Approval Date: Mar 17, 2020

PINS Date: Sep 16, 2016
Public Review Start: Sep 16, 2016
Approval Date: Jan 6, 2017

PINS Date: Mar 11, 2016
Public Review Start: Sep 30, 2016
Approval Date: Dec 21, 2016

ANSI Z21.87-2007 (R2017) and ANSI Z21.87a-2010 (R2017), Automatic Gas shutoff devices for hot water supply systems and component (reaffirmation of ANSI Z21.87-2007 (R2011) and Add A)
PINS Date: Public Review Start: Oct 28, 2016
Approval Date: Jan 3, 2017

PINS Date: Jan 25, 2019
Public Review Start: Mar 15, 2019
Approval Date: Jul 22, 2019

PINS Date: Aug 9, 2013
Public Review Start: Jun 16, 2017
Approval Date: Aug 24, 2017

PINS Date: Jul 6, 2018
Public Review Start: Apr 5, 2019
Approval Date: Nov 11, 2019

PINS Date: Public Review Start: Aug 26, 2016
Approval Date: Jan 3, 2017

PINS Date: Apr 6, 2018
Public Review Start: Jul 5, 2019
Approval Date: Dec 30, 2019
PINS Date: Public Review Start: Oct 28, 2016 Approval Date: Dec 21, 2016

PINS Date: Oct 2, 2015 Public Review Start: Jan 20, 2017 Approval Date: Apr 21, 2017

PINS Date: Public Review Start: Feb 26, 2016 Approval Date: May 23, 2016

ANSI Z21.96-2019, Portable water heaters for outdoor use, same as CSA 11.6 (revision of ANSI Z21.96-2014)
PINS Date: Jun 30, 2017 Public Review Start: Feb 22, 2019 Approval Date: Oct 11, 2019

PINS Date: Sep 30, 2016 Public Review Start: May 19, 2017 Approval Date: Dec 11, 2017

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: May 8, 2020

ANSI Z83.11-2016, Standard for Gas Food Service Equipment (same as CSA 1.8) (revision of ANSI Z83.11-2006 (R2011), ANSI Z83.11a-2007, ANSI Z83.11b-2009)
PINS Date: Public Review Start: Jun 19, 2015 Approval Date: Feb 2, 2016

ANSI Z83.18-2016, Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application (revision of ANSI Z83.18-2015)
PINS Date: Jul 24, 2015 Public Review Start: Apr 22, 2016 Approval Date: Jun 14, 2016

ANSI Z83.19-2017, Standard for Gas-Fired High Intensity Infrared Heaters, same as CSA 2.35 (revision of ANSI Z83.19-2009 (R2014))
PINS Date: May 29, 2015 Public Review Start: Aug 18, 2017 Approval Date: Oct 11, 2017

ANSI Z83.20-2016, Gas Fired Low Intensity Infrared Heaters (same as CSA 2.34) (revision of ANSI Z83.20-2008 (R2013), Z83.20a-2010 (R2013), Z83.20b-2011 (R2013))

ANSI Z83.21-2019, Z83.21 Commercial Dishwashers, same as Z83.21 (revision of ANSI Z83.21-2017)
PINS Date: Mar 30, 2018 Public Review Start: Aug 2, 2019 Approval Date: Dec 5, 2019

PINS Date: Jul 24, 2015 Public Review Start: Apr 22, 2016 Approval Date: Jun 14, 2016

PINS Date: Public Review Start: Apr 11, 2014 Approval Date: Jun 9, 2014
ANSI Z83.4-2016, Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application, same as CSA 3.7-2016 (revision of ANSI Z83.4-2015)
PINS Date: Jul 24, 2015
Public Review Start: Apr 22, 2016
Approval Date: Jun 29, 2016

ANSI Z83.7-2017, Gas-Fired Construction Heaters, same as CSA 2.14 (revision of ANSI Z83.7-2011 (R2016))
PINS Date: Sep 9, 2016
Public Review Start: Jan 20, 2017
Approval Date: Nov 28, 2017

ANSI Z83.8-2015, Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters, and Gas-Fired Duct Furnaces (same as CSA 2.6) (revision of ANSI Z83.8-2009)
PINS Date: Apr 13, 2012
Public Review Start: Jul 3, 2015
Approval Date: Dec 4, 2015

ANSI/CHMC 2-2019, Test methods for evaluating material compatibility in compressed hydrogen applications - Polymers. (new standard)
PINS Date: Apr 7, 2017
Public Review Start: Nov 23, 2018
Approval Date: Jul 29, 2019

ANSI/CSA 12617-2016, Liquefied natural gas vehicles fueling connection devices (identical national adoption of ISO 12617)
PINS Date: Jan 4, 2013
Public Review Start: Jun 3, 2016
Approval Date: Jul 21, 2016
ISO Adoption

PINS Date: Nov 15, 2013
Public Review Start: Dec 28, 2018
Approval Date: Mar 12, 2019

ANSI/CSA B149.6-2019, Code for digester gas, landfill gas, and biogas generation and utilization (revision and redesignation of ANSI B149.6-2015)
PINS Date: Aug 17, 2018
Public Review Start: Aug 9, 2019
Approval Date: Oct 15, 2019

ANSI/CSA C22.2 No. 184.2-2019, Solid-state controls for lighting systems (SSCLS) (new standard)
PINS Date: Mar 22, 2019
Public Review Start: Jul 19, 2019
Approval Date: Oct 22, 2019

ANSI/CSA C22.2 No. 19085-1-2019, Woodworking machines -- Safety -- Part 1: Common requirements (national adoption with modifications of ISO 19085-1)
PINS Date: Mar 31, 2017
Public Review Start: Jul 19, 2019
Approval Date: Sep 24, 2019
ISO Adoption

ANSI/CSA C22.2 No. 273-2019, Cablebus (new standard)
PINS Date: Jul 24, 2015
Public Review Start: May 24, 2019
Approval Date: Jul 31, 2019

ANSI/CSA C22.2 No. 336-2018, Particular requirements for rechargeable battery-operated commercial robotic floor treatment machines with traction drives (new standard)
PINS Date: Nov 11, 2016
Public Review Start: Sep 15, 2017
Approval Date: Dec 4, 2017

PINS Date: Jan 4, 2019
Public Review Start: Mar 1, 2019
Approval Date: May 23, 2019

ANSI/CSA C448-2016, Design and installation of ground source heat pump systems for commercial and residential buildings (new standard)
PINS Date: Nov 16, 2012
Public Review Start: Jul 10, 2015
Approval Date: Jan 6, 2016
ANSI/CSA C450-2018, Photovoltaic (PV) module testing protocol for quality assurance programs (new standard)
PINS Date: May 8, 2015
Public Review Start: Apr 20, 2018
Approval Date: Oct 18, 2018

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Sep 27, 2018

ANSI/CSA FC 6-2018, Fuel cell technologies Part 2: Fuel cell modules (national adoption with modifications of IEC 62282-2-100)
PINS Date: Oct 6, 2017
Public Review Start: Aug 31, 2018
Approval Date: Nov 20, 2018
IEC Adoption

ANSI/CSA FC-1-2014 (R2018), Fuel Cell Technologies - Part 3-100: Stationary fuel cell power systems- Safety (reaffirm a national adoption ANSI/CSA FC-1-2014)
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Oct 3, 2018
IEC Adoption

ANSI/CSA FC3-2004 (R2017), Portable Fuel Cell Power Systems, same as R 2016, same as BSR CSA (reaffirmation of ANSI/CSA FC3-2004 (R2009))
PINS Date:
Public Review Start: Sep 9, 2016
Approval Date: Jan 9, 2017

ANSI/CSA HGV 2-2014 (R2019), Compressed hydrogen gas vehicle fuel containers (reaffirmation of ANSI/CSA HGV 2-2014)
PINS Date:
Public Review Start: Nov 30, 2018
Approval Date: Feb 21, 2019

PINS Date:
Public Review Start: Nov 30, 2018
Approval Date: Feb 5, 2019

ANSI/CSA HGV 4.2-2013 (R2019), Standard for hoses for compressed hydrogen fuel stations, dispensers and vehicle fuel systems (reaffirmation of ANSI/CSA HGV 4.2-2013)
PINS Date:
Public Review Start: Nov 30, 2018
Approval Date: Feb 5, 2019

ANSI/CSA HGV 4.3-2019, Test methods for hydrogen fueling parameter evaluation (revision of ANSI/CSA HGV 4.3-2016)
PINS Date: Feb 17, 2017
Public Review Start: Jan 18, 2019
Approval Date: Jun 28, 2019

ANSI/CSA HGV 4.4-2013 (R2018), Standard for breakaway devices for compressed hydrogen dispensing hoses and systems (reaffirmation of ANSI/CSA HGV 4.4 -2013)
PINS Date:
Public Review Start: Mar 2, 2018
Approval Date: Apr 25, 2018

ANSI/CSA HGV 4.6-2013 (R2018), Manually operated valves for use in gaseous hydrogen vehicle fueling stations (reaffirmation of ANSI/CSA HGV 4.6-2013)
PINS Date:
Public Review Start: Mar 2, 2018
Approval Date: Apr 25, 2018

PINS Date:
Public Review Start: Mar 2, 2018
Approval Date: Apr 25, 2018

PINS Date: Nov 23, 2018
Public Review Start: Dec 20, 2019
Approval Date: Mar 2, 2020
ANSI/CSA HGV 4.8-2012 (R2018), *Hydrogen gas vehicle fueling station compressor guidelines* (reaffirmation of ANSI/CSA HGV 4.8-2012)
PINS Date:   May 18, 2018
Approval Date:   Sep 20, 2018

PINS Date:   Nov 23, 2018
Public Review Start:   Oct 4, 2019
Approval Date:   Jan 27, 2020

PINS Date:   Jan 20, 2012
Public Review Start:   Mar 2, 2018
Approval Date:   Apr 25, 2018

PINS Date:   Mar 29, 2019
Public Review Start:   Jun 14, 2019
Approval Date:   Aug 26, 2019

PINS Date:   Oct 28, 2016
Public Review Start:   Jan 3, 2017
Approval Date:   Dec 7, 2018

ANSI/CSA LC 6-2008 (R2018), *Natural Gas Diaphragm Pumps* (reaffirmation of ANSI/CSA LC 6-2008 (R2013))
PINS Date:   Public Review Start:   Jan 26, 2018
Approval Date:   Jun 28, 2019

PINS Date:   Public Review Start:   Mar 22, 2019
Approval Date:   Jun 28, 2019

PINS Date:   Apr 28, 2017
Public Review Start:   Nov 24, 2017
Approval Date:   Jun 8, 2018
ISO Adoption

PINS Date:   Apr 28, 2017
Public Review Start:   Nov 24, 2017
Approval Date:   Jun 8, 2018
ISO Adoption

PINS Date:   Apr 28, 2017
Public Review Start:   Nov 24, 2017
Approval Date:   Jun 8, 2018
ISO Adoption

PINS Date:   Apr 28, 2017
Public Review Start:   Nov 24, 2017
Approval Date:   Jun 8, 2018
ISO Adoption

PINS Date:   Apr 28, 2017
Public Review Start:   Nov 24, 2017
Approval Date:   Jun 8, 2018
ISO Adoption

PINS Date:   Apr 28, 2017
Public Review Start:   Nov 24, 2017
Approval Date:   Jun 8, 2018
ISO Adoption
PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.18-2018, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 18: Gas temperature sensor (national adoption with modifications of ISO 12614-18)
PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.2-2018, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 2: Performance and general test methods (national adoption with modifications of ISO 12614-2)
PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.3-2018, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 3: Check valve (national adoption with modifications of ISO 12614-3)
PINS Date: May 5, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.4-2018, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 4: Manual valve (national adoption with modifications of ISO 12614-4)
PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.5-2018, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 5: Tank pressure gauge (national adoption with modifications of ISO 12614-5)
PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.7-2018, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 7: Pressure relief valve (national adoption with modifications of ISO 12614-7)
PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.8-2018, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 8: Excess flow valve (national adoption with modifications of ISO 12614-8)
PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

PINS Date: Apr 28, 2017
Public Review Start: Nov 24, 2017
Approval Date: Jun 8, 2018
ISO Adoption

ANSI/CSA LNG 3.20-2020, LNG Fuel System Components-Part 20 flexible fuel or vent lines (new standard)
PINS Date: Apr 5, 2019
Public Review Start: Aug 30, 2019
Approval Date: Jan 9, 2020
ISO Adoption
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Jan 26, 2018
Public Review Start: Apr 20, 2018
Approval Date: Jun 7, 2019

PINS Date: Dec 29, 2017
Public Review Start: May 3, 2019
Approval Date: Sep 23, 2019

PINS Date:
Public Review Start: Sep 22, 2017
Approval Date: Jan 12, 2018

PINS Date:
Public Review Start: Jun 26, 2015
Approval Date: Aug 20, 2015

PINS Date:
Public Review Start: Nov 23, 2018
Approval Date: Jan 18, 2019

PINS Date:
Public Review Start: Nov 23, 2018
Approval Date: Jan 18, 2019

ANSI/PRD 1-2020, Pressure relief devices for natural gas vehicle (NGV) fuel containers (revision of ANSI/PRD 1-2013 (R2018))
PINS Date: Nov 9, 2018
Public Review Start: Jan 31, 2020
Approval Date: Mar 17, 2020

CTA (Consumer Technology Association)
www.cta.tech

PINS Date: May 15, 2015
Public Review Start: Jun 26, 2015
Approval Date: Aug 13, 2015

PINS Date: May 25, 2018
Public Review Start: Jul 13, 2018
Approval Date: Jan 15, 2019

PINS Date: Feb 22, 2019
Public Review Start: Sep 13, 2019
Approval Date: Dec 16, 2019

PINS Date: May 20, 2016
Public Review Start: Jul 8, 2016
Approval Date: Dec 2, 2016

ANSI/CTA 2010-B-2014 (R2020), Standard Method of Measurement for Powered Subwoofers (reaffirmation of ANSI/CTA 2010-B-2014)
PINS Date: Dec 20, 2019
Public Review Start: Feb 21, 2020
Approval Date: Apr 27, 2020
PINS Date: May 20, 2016
Public Review Start: Dec 28, 2018
Approval Date: Mar 22, 2019

PINS Date: Jul 1, 2011
Approval Date: Jan 30, 2017

PINS Date: May 20, 2016
Approval Date: Oct 18, 2016

PINS Date: May 25, 2018
Public Review Start: Jul 13, 2018
Approval Date: Jan 15, 2019

PINS Date: Jun 14, 2019
Public Review Start: Sep 6, 2019
Approval Date: Dec 5, 2019

ANSI/CTA 2028-B-2014 (R2019), Color Codes for Outdoor TV Receiving Antennas (reaffirmation of ANSI/CTA 2028-B-2014)
PINS Date: Jun 14, 2019
Public Review Start: Sep 6, 2019
Approval Date: Nov 26, 2019

PINS Date: Mar 8, 2019
Public Review Start: Sep 13, 2019
Approval Date: Dec 16, 2019

ANSI/CTA 2032-B-2014 (R2019), Indoor TV Receiving Antenna Performance Standard (reaffirmation of ANSI/CTA 2032-B-2014)
PINS Date: Jun 14, 2019
Public Review Start: Sep 6, 2019
Approval Date: Nov 26, 2019

PINS Date: Dec 27, 2019
Public Review Start: Feb 21, 2020
Approval Date: Apr 27, 2020

PINS Date: Aug 11, 2017
Public Review Start: Dec 15, 2017
Approval Date: Feb 16, 2018

ANSI/CTA 2038-2012 (R2017), Command-Driven IR-Synchronized Active Eyewear Standard (reaffirmation of ANSI/CTA 2038-2012)
PINS Date: Nov 25, 2016
Public Review Start: Feb 24, 2017
Approval Date: Apr 17, 2017

ANSI/CTA 2040-2011, SD Card Common Interface Standard (new standard)
PINS Date: May 14, 2010
Public Review Start: Mar 18, 2011
Approval Date: Jun 1, 2011

PINS Date: May 1, 2015
Public Review Start: Jun 26, 2015
Approval Date: Aug 27, 2015

PINS Date: Feb 18, 2011
Public Review Start: Nov 24, 2017
Approval Date: Feb 14, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/CTA 2045.2 Amd 1-2018</td>
<td>MCI for Generic Display Message Set (addenda to ANSI/CTA 2045.2-2014)</td>
<td>Nov 27, 2015</td>
<td>Feb 2, 2018</td>
<td>Jul 10, 2018</td>
</tr>
<tr>
<td>ANSI/CTA Standard</td>
<td>Title</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>ANSI/CTA 2065-2018</td>
<td>Physical Activity Monitoring for Heart Rate (new standard)</td>
<td>Jul 29, 2016</td>
<td>Feb 16, 2018</td>
<td>May 3, 2018</td>
</tr>
<tr>
<td>ANSI/CTA 2075-2020</td>
<td>Loudness Standard for Over the Top Television (OTT) and Online Video Distribution (OVD) for Mobile and Fixed Devices (new standard)</td>
<td>Feb 16, 2018</td>
<td>Dec 6, 2019</td>
<td>Jan 31, 2020</td>
</tr>
</tbody>
</table>
PINS Date: May 5, 2017
Public Review Start: Jun 23, 2017
Approval Date: Sep 15, 2017

PINS Date: Nov 30, 2012
Approval Date: Sep 16, 2015

ANSI/CTA 709.4-2013 (R2019), Fiber-Optic Channel Specification (reaffirmation of ANSI/CTA 709.4-2013)
PINS Date: Nov 16, 2018
Public Review Start: Apr 12, 2019
Approval Date: Sep 9, 2019

PINS Date: Oct 24, 2014
Public Review Start: Jul 17, 2015
Approval Date: Sep 16, 2015

PINS Date: Oct 24, 2014
Public Review Start: Jul 17, 2015
Approval Date: Sep 16, 2015

PINS Date: Dec 29, 2017
Public Review Start: Feb 16, 2018
Approval Date: Oct 25, 2018

PINS Date: May 4, 2018
Public Review Start: Nov 15, 2019
Approval Date: Feb 6, 2020

PINS Date: May 4, 2018
Public Review Start: Nov 15, 2019
Approval Date: Feb 6, 2020

PINS Date: Aug 9, 2013
Public Review Start: Nov 28, 2014
Approval Date: Feb 3, 2015

PINS Date: Feb 1, 2019
Public Review Start: Mar 15, 2019
Approval Date: Jul 9, 2019

ANSI/CTA 774-C-2014, TV Receiving Antenna Performance Presentation and Measurement (revision and redesignation of ANSI/CTA 774-B-2009)
PINS Date: Sep 6, 2013
Approval Date: Nov 24, 2014

ANSI/CTA 803-B-2012 (R2017), Mobile Electronics Wiring Designations for Audio, and Vehicle Security/Convenience (reaffirmation of ANSI/CTA 803-B-2012)
PINS Date: Mar 10, 2017
Public Review Start: Apr 28, 2017
Approval Date: Jun 19, 2017
<table>
<thead>
<tr>
<th>ANSI/CTA Standards</th>
<th>Description</th>
<th>Date of Approval</th>
<th>PINS Date</th>
<th>Public Review Start Date</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Mar 14, 2008
Approval Date: Jun 15, 2012

PINS Date: Mar 24, 2017
Public Review Start: Apr 28, 2017
Approval Date: Nov 21, 2017

PINS Date: Mar 24, 2017
Public Review Start: Apr 28, 2017
Approval Date: Nov 21, 2017

PINS Date: Mar 7, 2008
Approval Date: May 19, 2011

ANSI/DASMA 207-2012, Standard for Rolling Sheet Doors (new standard)
PINS Date: Jul 4, 2008
Public Review Start: Apr 30, 2010
Approval Date: Jul 3, 2012

PINS Date: Mar 24, 2017
Public Review Start: Apr 28, 2017
Approval Date: Nov 21, 2017

DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)
www.dmisd.org

ANSI/DASMA 105.3-2015 Part 1, Dimensional Measuring Interface Standard (DMIS Rev. 5.3) (revision of ANSI/DMIS 105.2-2009, Part 1)
PINS Date: Oct 30, 2015
Public Review Start: Feb 26, 2016
Approval Date: May 3, 2016

PINS Date: Jun 1, 2018
Public Review Start: Aug 10, 2018
Approval Date: Oct 5, 2018

EASA (Electrical Apparatus Service Association)

ANSI/EASA AR100-2015, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2010)
PINS Date: Aug 10, 2012
Public Review Start: Apr 24, 2015
Approval Date: Jul 21, 2015

ECIA (Electronic Components Industry Association)

ANSI/EIA 166-A-2019, Miniature Waveguide Flanges, Unpressurized Contact Type (CMR 90 to CMR 284) (new standard)
PINS Date: Feb 9, 2018
Public Review Start: Jul 20, 2018
Approval Date: Feb 5, 2019
ANSI/EIA 198-2-E-2014, Ceramic Dielectric Capacitors Classes I, II, III and IV - Part II: Test Methods (new standard)
PINS Date: Nov 16, 2012
Public Review Start: Dec 13, 2013
Approval Date: Apr 4, 2014

ANSI/EIA 198-3-10-2015, Multilayer (Monolithic), Unencapsulated, Ceramic Dielectric, Surface-Mount Low Inductance Chip Capacitors And Multi-Terminal Low Inductance Capacitors (new standard)
PINS Date: Aug 17, 2012
Public Review Start: Nov 14, 2014
Approval Date: Aug 21, 2015

ANSI/EIA 198-3-6-F-2019, Ceramic Dielectric Capacitors Classes I, II, III, and IV, Part III: Section 6: Axial-Leaded Capacitors, Conformally Coated and Molded Types (new standard)
PINS Date: Nov 24, 2017
Public Review Start: Feb 23, 2018
Approval Date: Feb 5, 2019

ANSI/EIA 198-3-9-F-2019, High Voltage Ceramic Capacitors, Conformally Coated and Multilayer Surface Mount (new standard)
PINS Date: Jul 13, 2012
Public Review Start: Mar 8, 2019
Approval Date: Jul 31, 2019

ANSI/EIA 200-B-2018, Circular Waveguides and Flanges (new standard)
PINS Date: Nov 18, 2016
Public Review Start: Aug 4, 2017
Approval Date: Apr 24, 2018

ANSI/EIA 225-A-2018, Rigid coaxial transmission lines 50 OHMs (new standard)
PINS Date: Dec 2, 2016
Public Review Start: May 5, 2017
Approval Date: Apr 5, 2018

PINS Date: Feb 10, 2017
Public Review Start: Apr 21, 2017
Approval Date: Nov 1, 2017

ANSI/EIA 261-C-2018, Rectangular Waveguides (WR2 to WR2300) (new standard)
PINS Date: Mar 10, 2017
Public Review Start: Aug 4, 2017
Approval Date: Jan 24, 2018

ANSI/EIA 271-B-2019, Waveguide flanges - pressurizeable contact types for waveguide sizes WR90 to WR2300 (new standard)
PINS Date: Feb 5, 2019
Public Review Start: Jul 20, 2018
Approval Date: Feb 5, 2019

ANSI/EIA 285-A-2019, Waveguide Flanges - Dual Contact Pressurizeable and Miniature Type for Waveguide Sizes WR90 to WR975 (new standard)
PINS Date: Feb 5, 2019
Public Review Start: Jul 20, 2018
Approval Date: Feb 5, 2019

PINS Date: Public Review Start: Nov 30, 2018
Approval Date: Aug 23, 2019

ANSI/EIA 304-A-2019, Rigid Waveguides (new standard)
PINS Date: Feb 9, 2018
Public Review Start: Jul 20, 2018
Approval Date: Feb 5, 2019

PINS Date: Public Review Start: Aug 31, 2018
Approval Date: Feb 5, 2019

PINS Date: Public Review Start: Jun 23, 2017
Approval Date: Aug 18, 2017
<table>
<thead>
<tr>
<th>ANSI/EIA</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:  
Public Review Start:  Apr 26, 2019  
Approval Date:  Jul 29, 2019

PINS Date:  Sep 1, 2017  
Public Review Start:  Dec 1, 2017  
Approval Date:  Feb 27, 2018

PINS Date:  Sep 1, 2017  
Public Review Start:  Dec 1, 2017  
Approval Date:  Feb 27, 2018

PINS Date:  May 8, 2015  
Public Review Start:  Jun 19, 2015  
Approval Date:  Sep 3, 2015

PINS Date:  
Public Review Start:  Oct 25, 2019  
Approval Date:  Jan 17, 2020

PINS Date:  
Public Review Start:  Apr 26, 2019  
Approval Date:  Jul 29, 2019

PINS Date:  Apr 26, 2019  
Public Review Start:  Jun 14, 2019  
Approval Date:  Sep 18, 2019

PINS Date:  Apr 26, 2019  
Public Review Start:  Jun 14, 2019  
Approval Date:  Aug 22, 2019

PINS Date:  
Public Review Start:  Jan 29, 2016  
Approval Date:  Apr 13, 2016

PINS Date:  Mar 30, 2018  
Public Review Start:  May 17, 2019  
Approval Date:  Oct 17, 2019

ANSI/EIA 364-111A-2015, Test Procedure for Determining the Total Ionic Contamination of an Electrical Connector or Socket Assembly or Component (revision and redesignation of ANSI/EIA 364-111-2008)
PINS Date:  May 8, 2015  
Public Review Start:  Jun 19, 2015  
Approval Date:  Sep 3, 2015

PINS Date:  
Public Review Start:  Jan 29, 2016  
Approval Date:  Apr 13, 2016
PINS Date: 
Public Review Start: Jan 29, 2016
Approval Date: Apr 13, 2016

PINS Date: 
Public Review Start: Apr 21, 2017
Approval Date: Jun 19, 2017

ANSI/EIA 364-115-2016, Current Overload Test Procedure for Electrical Connectors and Sockets (new standard)
PINS Date: May 16, 2014
Public Review Start: Jan 15, 2016
Approval Date: Apr 28, 2016

PINS Date: Jul 4, 2014
Public Review Start: Apr 3, 2015
Approval Date: Aug 21, 2015

PINS Date: Aug 7, 2015
Public Review Start: Aug 4, 2017
Approval Date: Nov 20, 2017

ANSI/EIA 364-118-2016, Thermal Shock for Hermetic Electrical Connectors and Sockets (new standard)
PINS Date: Oct 16, 2015
Public Review Start: Mar 18, 2016
Approval Date: Jun 15, 2016

ANSI/EIA 364-119-2019, Removal Tool Rotation Test Procedure for Electrical Connectors (new standard)
PINS Date: Aug 17, 2018
Public Review Start: Oct 5, 2018
Approval Date: Jan 29, 2019

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Dec 19, 2019

ANSI/EIA 364-120-2019, Electrolytic Erosion Test Procedure for Electrical Connectors (new standard)
PINS Date: Nov 30, 2018
Public Review Start: May 10, 2019
Approval Date: Jul 31, 2019

PINS Date: 
Approval Date: Jan 23, 2017

PINS Date: 
Public Review Start: Nov 18, 2016
Approval Date: Feb 2, 2017

PINS Date: 
Public Review Start: Jan 25, 2019
Approval Date: Apr 18, 2019

PINS Date: Mar 4, 2016
Public Review Start: Jul 8, 2016
Approval Date: Aug 26, 2016

PINS Date: 
Public Review Start: Oct 25, 2019
Approval Date: Jan 17, 2020
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/EIA 364-17C-2011 (R2017), Temperature Life with or without Electrical Load Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-17C-2011)
PINS Date: 
Public Review Start: Nov 18, 2016
Approval Date: Feb 2, 2017

PINS Date: 
Public Review Start: Aug 17, 2018
Approval Date: Feb 13, 2019

PINS Date: 
Public Review Start: Oct 25, 2019
Approval Date: Jan 17, 2020

PINS Date: Mar 30, 2018
Public Review Start: Jul 6, 2018
Approval Date: Feb 5, 2019

PINS Date: Jan 10, 2014
Public Review Start: Feb 28, 2014
Approval Date: Jun 2, 2014

PINS Date: 
Public Review Start: Aug 31, 2018
Approval Date: Feb 5, 2019

ANSI/EIA 364-23C-2006 (R2017), Low Level Contact Resistance Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-23C-2006 (R2012))
PINS Date: 
Public Review Start: Jun 23, 2017
Approval Date: Aug 21, 2017

PINS Date: 
Public Review Start: Oct 25, 2019
Approval Date: Jan 17, 2020

PINS Date: Sep 2, 2016
Approval Date: Mar 28, 2017

ANSI/EIA 364-26-C-2014 (R2019), Salt Spray Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-26-C-2014)
PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Dec 20, 2019

PINS Date: 
Public Review Start: Nov 18, 2016
Approval Date: Feb 2, 2017

PINS Date: 
Public Review Start: Nov 18, 2016
Approval Date: Feb 2, 2017

ANSI/EIA 364-29D-2019, Contact Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-29C-2006 (R2013))
PINS Date: Aug 31, 2018
Public Review Start: Feb 1, 2019
Approval Date: May 21, 2019
PINS Date: Public Review Start: Oct 25, 2019 Approval Date: Jan 17, 2020

PINS Date: Dec 1, 2017 Public Review Start: Aug 10, 2018 Approval Date: Jan 29, 2019

PINS Date: Dec 20, 2019 Public Review Start: Aug 2, 2019 Approval Date: Jan 17, 2020

PINS Date: Public Review Start: Oct 25, 2019 Approval Date: Jan 17, 2020

ANSI/EIA 364-34-2012 (R2017), Ambient Condensation Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-34-2012)
PINS Date: Public Review Start: Jun 23, 2017 Approval Date: Aug 21, 2017

PINS Date: Public Review Start: Jun 23, 2017 Approval Date: Aug 21, 2017

PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Feb 5, 2019

PINS Date: Public Review Start: Oct 25, 2019 Approval Date: Jan 17, 2020

ANSI/EIA 364-38D-2014, Cable Pull-Out Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-38C-2008)
PINS Date: Dec 13, 2013 Public Review Start: Aug 22, 2014 Approval Date: Nov 17, 2014

PINS Date: Public Review Start: Jan 25, 2019 Approval Date: Apr 18, 2019

PINS Date: Public Review Start: Oct 25, 2019 Approval Date: Jan 17, 2020

ANSI/EIA 364-41E-2010 (R2016), Cable Flexing Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-41E-2010)
PINS Date: Public Review Start: Jan 29, 2016 Approval Date: Apr 13, 2016
PINS Date: Sep 1, 2017
Public Review Start: Dec 1, 2017
Approval Date: Feb 27, 2018

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Dec 20, 2019

PINS Date:
Public Review Start: Apr 26, 2019
Approval Date: Jul 29, 2019

PINS Date:
Public Review Start: Jan 25, 2019
Approval Date: Apr 18, 2019

PINS Date:
Public Review Start: Oct 25, 2019
Approval Date: Jan 17, 2020

PINS Date: Apr 5, 2019
Public Review Start: Aug 2, 2019
Approval Date: Oct 18, 2019

PINS Date:
Public Review Start: Jan 25, 2019
Approval Date: Apr 18, 2019

PINS Date: Dec 11, 2015
Public Review Start: Jan 29, 2016
Approval Date: Apr 7, 2016

PINS Date:
Public Review Start: Jan 25, 2019
Approval Date: Apr 18, 2019

PINS Date: Sep 1, 2017
Public Review Start: Dec 1, 2017
Approval Date: Feb 27, 2018

PINS Date: Dec 13, 2013
Public Review Start: Feb 7, 2014
Approval Date: Aug 28, 2014

PINS Date: Nov 8, 2019
Public Review Start: Jan 3, 2020
Approval Date: Apr 2, 2020
PINS Date: Nov 18, 2016
Public Review Start: Feb 2, 2017
Approval Date: Feb 2, 2017

PINS Date: Nov 18, 2016
Public Review Start: Mar 24, 2017
Approval Date: Aug 21, 2017

PINS Date: Jan 29, 2016
Public Review Start: Apr 18, 2016
Approval Date: Apr 18, 2016

PINS Date: Jan 25, 2019
Public Review Start: Apr 18, 2019
Approval Date: Apr 18, 2019

ANSI/EIA 364-60B-2020, General Methods for Porosity Testing of Contact Finishes for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-60A-2008 (R2014))
PINS Date: Nov 8, 2019
Public Review Start: Jan 3, 2020
Approval Date: Apr 2, 2020

PINS Date: Aug 2, 2019
Public Review Start: Dec 20, 2019

PINS Date: Nov 25, 2016
Public Review Start: Jan 23, 2017
Approval Date: Jan 23, 2017

PINS Date: Aug 2, 2019
Public Review Start: Dec 20, 2019
Approval Date: Dec 20, 2019

PINS Date: Aug 2, 2019
Public Review Start: Dec 20, 2019
Approval Date: Dec 20, 2019

ANSI/EIA 364-65B-2009, Mixed Flowing Gas Test Procedure for Electrical Connectors and Sockets (new standard)
PINS Date: Jul 31, 2009
Public Review Start: Aug 28, 2009
Approval Date: Dec 10, 2009

PINS Date: Apr 26, 2019
Public Review Start: Jul 29, 2019
Approval Date: Jul 29, 2019

PINS Date: Jan 9, 2015
Public Review Start: Mar 24, 2015
Approval Date: Mar 24, 2015
PINS Date: Public Review Start: Jan 9, 2015 Approval Date: Mar 27, 2015

PINS Date: Dec 13, 2013 Public Review Start: Feb 7, 2014 Approval Date: Jun 24, 2014

ANSI/EIA 364-71C-2008 (R2020), Solder Wicking (Wave Solder Technique) for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-71C-2008 (R2014))
PINS Date: Public Review Start: Oct 25, 2019 Approval Date: Jan 17, 2020

PINS Date: Public Review Start: Jan 9, 2015 Approval Date: Mar 24, 2015

ANSI/EIA 364-78C-2018, Cavity Leakage Bonding Integrity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-78B-2010)
PINS Date: Sep 16, 2016 Public Review Start: Aug 11, 2017 Approval Date: Jan 24, 2018

PINS Date: Public Review Start: Jan 9, 2015 Approval Date: Mar 24, 2015

PINS Date: Nov 21, 2014 Public Review Start: Feb 6, 2015 Approval Date: May 28, 2015

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Jan 23, 2017

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Jan 23, 2017

PINS Date: Mar 27, 2015 Public Review Start: Aug 11, 2017 Approval Date: Nov 20, 2017

ANSI/EIA 364-84-2015, Residual Magnetism Test Procedure for Electrical Contact Used in Space Applications (new standard)

PINS Date: Public Review Start: Jan 9, 2015 Approval Date: Mar 27, 2015
ANSI/EIA 364-86B-2020, Polarizing/Coding Key
Overstress Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-86A-2014)
PINS Date: Nov 8, 2019
Public Review Start: Jan 3, 2020
Approval Date: Apr 2, 2020

PINS Date:
Public Review Start: Jan 9, 2015
Approval Date: Mar 27, 2015

PINS Date: May 8, 2015
Approval Date: Apr 3, 2017

PINS Date:
Public Review Start: Jan 9, 2015
Approval Date: Mar 24, 2015

PINS Date: Dec 11, 2015
Public Review Start: May 13, 2016
Approval Date: Aug 25, 2016

PINS Date:
Public Review Start: Jan 9, 2015
Approval Date: Mar 24, 2015

PINS Date: Apr 26, 2019
Public Review Start: Jun 14, 2019
Approval Date: Sep 23, 2019

PINS Date: Sep 1, 2017
Public Review Start: Dec 1, 2017
Approval Date: Feb 27, 2018

PINS Date:
Public Review Start: Oct 25, 2019
Approval Date: Jan 17, 2020

PINS Date: Dec 2, 2016
Public Review Start: Feb 3, 2017
Approval Date: Jun 19, 2017

PINS Date:
Public Review Start: Jan 9, 2015
Approval Date: Mar 27, 2015
ANSI/EIA 364-99-1999 (R2018), Gage Location and Retention Test Procedure for Electrical Connectors
(reaffirmation of ANSI/EIA 364-99-1999 (R2012))
PINS Date: Sep 1, 2017
Public Review Start: Dec 1, 2017
Approval Date: Feb 27, 2018

ANSI/EIA 364-F-2014, Electrical Connector/Socket Test Procedures Including Environmental Classifications
(revision and redesignation of ANSI/EIA 364-E-2008)
PINS Date: Dec 27, 2013
Public Review Start: May 2, 2014
Approval Date: Aug 15, 2014

ANSI/EIA 468-C-2008 (R2017), Lead Taping of Components in the Radial Configuration for Automatic Handling
(reaffirmation of ANSI/EIA 468-C-2008 (R2013))
PINS Date: Public Review Start: Jul 14, 2017
Approval Date: Oct 5, 2017

(revision and redesignation of ANSI/EIA 469-D-2006)
PINS Date: Mar 25, 2011
Public Review Start: Dec 2, 2016
Approval Date: Apr 25, 2017

ANSI/EIA 481-E-2015, 8 mm through 200 mm Embossed Carrier Taping and 8 mm and 12 mm Punched Carrier Taping of Surface Mount Components for Automatic Handling
(revision and redesignation of ANSI/EIA 481-D-2008)
PINS Date: Nov 29, 2013
Public Review Start: Jan 31, 2014
Approval Date: Jan 8, 2015

PINS Date: Jul 13, 2012
Public Review Start: May 17, 2013
Approval Date: Dec 4, 2013

ANSI/EIA 576-B-2014, Resistors, Rectangular, Surface Mount Precision
(revision and redesignation of ANSI/EIA 576-A-2005)
PINS Date: May 17, 2013
Public Review Start: Sep 27, 2013
Approval Date: May 9, 2014

ANSI/EIA 575-B-2014, Thick Film Resistor Specification
(revision and redesignation of ANSI/EIA 575-A-2005)
PINS Date: Jul 3, 2009
Public Review Start: Jun 14, 2013
Approval Date: Mar 3, 2014

(identical national adoption of IEC 60050-192: 2015 Ed.1.0)
PINS Date: Mar 24, 2017
Public Review Start: Jul 14, 2017
Approval Date: Sep 21, 2017
IEC Adoption

ANSI/EIA 60115-1 ed. 4.0-2014, Fixed Resistors for Use in Electronic Equipment – Part 1: Generic specification
(identical national adoption of IEC 60115-1 {ed.4})
PINS Date: Nov 15, 2013
Public Review Start: Feb 21, 2014
Approval Date: Oct 6, 2014
IEC Adoption

ANSI/EIA 60115-8 ed. 2.0-2014 (R2019), Fixed Resistors For Use In Electronic Equipment - Part 8: Sectional Specification Fixed Surface Mount Resistors
(reaffirmation of ANSI/EIA 60115-8 ed. 2.0-2014)
PINS Date: Public Review Start: May 31, 2019
Approval Date: Nov 12, 2019
IEC Adoption

(reaffirmation of ANSI/EIA 60115-9-1-2014)
PINS Date: Public Review Start: May 31, 2019
Approval Date: Nov 12, 2019
IEC Adoption
PINS Date: Public Review Start: May 31, 2019 Approval Date: Nov 12, 2019
IEC Adoption

PINS Date: Jan 20, 2017 Public Review Start: Jul 7, 2017 Approval Date: Oct 5, 2017
IEC Adoption

ANSI/EIA 60384-11-2014, Fixed Capacitors for Use in Electronic Equipment - Part 11: Sectional Specification - Fixed Polyethylene Terephthalate Film Dielectric Metal Foil d.c. Capacitors (identical national adoption of IEC 60384-11 ed. 3.0)
IEC Adoption

IEC Adoption

IEC Adoption

IEC Adoption

ANSI/EIA 60384-17-2014, Fixed Capacitors for Use in Electronic Equipment - Part 17: Sectional Specification: Fixed Metallized Polypropylene Film Dielectric a.c. and Pulse Capacitors (identical national adoption of IEC 60384-17 ed. 2.0)
IEC Adoption

PINS Date: Jan 20, 2017 Public Review Start: Jul 7, 2017 Approval Date: Oct 5, 2017
IEC Adoption

PINS Date: Jan 20, 2017 Public Review Start: Jul 7, 2017 Approval Date: Oct 5, 2017
IEC Adoption

ANSI/EIA 60384-2-2014, Fixed Capacitors for Use in Electronic Equipment - Part 2: Sectional Specification - Fixed Metallized Polyethylene Terephthalate Film Dielectric d.c. Capacitors (identical national adoption of IEC 60384-2 ed. 4.0)
PINS Date: Jun 14, 2013 Public Review Start: Oct 18, 2013 Approval Date: Oct 6, 2014
IEC Adoption
PINS Date:  Sep 30, 2016
Public Review Start:  Dec 16, 2016
Approval Date:  Jun 30, 2017
IEC Adoption

PINS Date:  Jan 20, 2017
Public Review Start:  Jul 7, 2017
Approval Date:  Oct 11, 2017
IEC Adoption

PINS Date:  Jun 14, 2013
Public Review Start:  Oct 18, 2013
Approval Date:  Oct 3, 2014
IEC Adoption

PINS Date:  Jun 14, 2013
Public Review Start:  Oct 18, 2013
Approval Date:  Oct 3, 2014
IEC Adoption

PINS Date:  Jan 20, 2017
Public Review Start:  Jul 7, 2017
Approval Date:  Oct 5, 2017
IEC Adoption

PINS Date:  Sep 30, 2016
Public Review Start:  Dec 16, 2016
Approval Date:  Jun 30, 2017
IEC Adoption

PINS Date:  Public Review Start:  May 31, 2019
Approval Date:  Nov 12, 2019
IEC Adoption

PINS Date:  Sep 30, 2016
Public Review Start:  Dec 16, 2016
Approval Date:  Jun 30, 2017
IEC Adoption

PINS Date:  Public Review Start:  May 31, 2019
Approval Date:  Nov 12, 2019
IEC Adoption

ANSI/EIA 60384-26-2014, Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-26 ed. 1.0)
PINS Date:  Jun 14, 2013
Approval Date:  Sep 22, 2014
IEC Adoption
PINS Date: Sep 30, 2016
Public Review Start: Dec 16, 2016
Approval Date: Jun 30, 2017
IEC Adoption

PINS Date: Jan 20, 2017
Public Review Start: Jul 7, 2017
Approval Date: Nov 1, 2017
IEC Adoption

PINS Date: Jan 20, 2017
Public Review Start: Jul 7, 2017
Approval Date: Oct 5, 2017
IEC Adoption

ANSI/EIA 60440-2014 (R2019), Method of measurement of non-linearity in resistors (reaffirmation of ANSI/EIA 60440-2014)
PINS Date: May 31, 2019
Public Review Start: May 31, 2019
Approval Date: Nov 12, 2019
IEC Adoption

PINS Date: Oct 18, 2013
Public Review Start: Apr 11, 2014
Approval Date: Jul 28, 2014
IEC Adoption

PINS Date: Oct 18, 2013
Public Review Start: Apr 4, 2014
Approval Date: Jul 28, 2014
IEC Adoption

PINS Date: Oct 18, 2013
Public Review Start: Mar 21, 2014
Approval Date: Jul 28, 2014
IEC Adoption

PINS Date: Oct 18, 2013
Public Review Start: Apr 11, 2014
Approval Date: Jul 28, 2014
IEC Adoption

ANSI/EIA 61014-2017, Programs for reliability growth (identical national adoption of IEC 61014:2003 Ed.2.0)
PINS Date: Aug 19, 2016
Public Review Start: Jan 27, 2017
Approval Date: May 11, 2017
IEC Adoption

ANSI/EIA 61025-2017, Fault tree analysis (FTA) (identical national adoption of IEC 61025:2006 Ed.2.0)
PINS Date: Aug 19, 2016
Public Review Start: Jan 27, 2017
Approval Date: May 11, 2017
IEC Adoption

ANSI/EIA 61078-2018, Reliability Block Diagrams (identical national adoption of IEC 61078:2016)
PINS Date: Jul 14, 2017
Public Review Start: Sep 22, 2017
Approval Date: Jan 17, 2018
IEC Adoption
ANSI/EIA 61124-2017, Reliability testing - Compliance tests for constant failure rate and constant failure intensity (identical national adoption of IEC 61124:2012 Ed.3.0)

PINS Date: Aug 19, 2016
Public Review Start: Jan 27, 2017
Approval Date: May 11, 2017

IEC Adoption

ANSI/EIA 61164-2017, Reliability growth - Statistical test and estimation methods (identical national adoption of IEC 61164:2004 Ed.2.0)

PINS Date: Sep 30, 2016
Public Review Start: Jan 27, 2017
Approval Date: May 11, 2017

IEC Adoption

ANSI/EIA 61649-2017, Weibull Analysis (identical national adoption of IEC 61649:2008 Ed.2.0)

PINS Date: Mar 24, 2017
Public Review Start: Jul 14, 2017
Approval Date: Sep 21, 2017

IEC Adoption

ANSI/EIA 61703-2017, Mathematical expressions for reliability, availability, maintainability and maintenance support terms (identical national adoption of IEC 61703:2016)

PINS Date: Aug 19, 2016
Public Review Start: Jan 27, 2017
Approval Date: May 11, 2017

IEC Adoption

ANSI/EIA 61710-2017, Power law mode - Goodness-of-fit tests and estimation methods (identical national adoption of IEC 61710:2013 Ed.2.0)

PINS Date: Aug 19, 2016
Public Review Start: Jan 27, 2017
Approval Date: May 11, 2017

IEC Adoption


PINS Date: Feb 8, 2013
Public Review Start: Jan 23, 2015
Approval Date: Sep 3, 2015


PINS Date: Oct 18, 2013
Public Review Start: Feb 28, 2014
Approval Date: Oct 6, 2014

IEC Adoption


PINS Date: May 31, 2019
Approval Date: Nov 12, 2019

IEC Adoption


PINS Date: May 31, 2019
Approval Date: Nov 12, 2019

IEC Adoption

ANSI/EIA 62506-2017, Methods for product accelerated testing (identical national adoption of IEC 62506:2013 Ed.1.0)

PINS Date: Aug 19, 2016
Public Review Start: Jan 27, 2017
Approval Date: May 11, 2017

IEC Adoption


PINS Date: Aug 1, 2014
Public Review Start: Jul 1, 2016
Approval Date: Jan 11, 2017


PINS Date: Feb 19, 2010
Public Review Start: Mar 19, 2010
Approval Date: Jun 24, 2010

ANSI/EIA 747-C-2020, Adhesive backed punched plastic carrier taping of singulated bare die and other surface mount components for automatic handling of devices generally less than 1.0 mm thick (revision and redesignation of ANSI/EIA-747-B-2014)

PINS Date: Feb 8, 2019
Public Review Start: Oct 18, 2019
Approval Date: May 7, 2020

IEC Adoption
PINS Date: Nov 9, 2012
Public Review Start: Nov 21, 2014
Approval Date: Mar 3, 2015

ANSI/EIA 797-2014, Aluminum-Electrolytic Capacitor Application Guideline (new standard)
PINS Date: Nov 9, 2012
Public Review Start: Feb 28, 2014
Approval Date: Aug 7, 2014

ANSI/EIA 886-A-2014, Thick Film Resistor Array Specification (new standard)
PINS Date: Nov 15, 2013
Public Review Start: Jan 31, 2014
Approval Date: May 29, 2014

PINS Date: Nov 15, 2013
Public Review Start: Apr 11, 2014
Approval Date: Aug 4, 2015

ANSI/EIA 944-2013, Surface Mount Chip Bead Qualification Specification (new standard)
PINS Date: Nov 9, 2012
Approval Date: Dec 10, 2013

ANSI/EIA 948-2004 (R2017), Component Tray for Automated Handling (reaffirmation of ANSI/EIA 948-2004 (R2011))
PINS Date: Nov 9, 2013
Public Review Start: Sep 2, 2016
Approval Date: Feb 3, 2017

PINS Date: Sep 2, 2016
Public Review Start: Jan 20, 2017
Approval Date: Apr 20, 2017

ANSI/EIA 970-2013, Test procedure for high frequency characterization of low inductance multilayer ceramic chip capacitors (new standard)
PINS Date: Oct 28, 2011
Public Review Start: Jul 13, 2012
Approval Date: Jul 29, 2013

ANSI/EIA 971-2014 (R2019), 4 mm Embossed Carrier Taping of Micro-Sized Surface Mount Components for Automatic Handling (reaffirmation of ANSI/EIA 971-2014)
PINS Date: Public Review Start: Jul 26, 2019
Approval Date: Oct 24, 2019

PINS Date: Apr 6, 2012
Public Review Start: Sep 1, 2017
Approval Date: Mar 8, 2018

PINS Date: Apr 6, 2012
Public Review Start: Sep 8, 2017
Approval Date: Mar 8, 2018

ANSI/EIA 977-2017, Test Method - Electronic Passive Components Exposure to Atmospheric Sulfur (new standard)
PINS Date: Nov 29, 2013
Public Review Start: Dec 2, 2016
Approval Date: Feb 28, 2017

PINS Date: Public Review Start: Apr 26, 2019
Approval Date: Jul 29, 2019

ANSI/EIA/ECA 747B-2014, Adhesive Backed punched plastic carrier taping of singulated bare die and other surface mount components for automatic handling of devices generally less than 1.0mm thick (new standard)
PINS Date: Aug 31, 2012
Public Review Start: Mar 8, 2013
Approval Date: Feb 4, 2014
<table>
<thead>
<tr>
<th>Organization</th>
<th>Standard Title</th>
<th>Date of Notice</th>
<th>Date of Public Review</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/ESD SP 5.3.2-2004 (R2013), ESD Association
Standard Practice for Electrostatic Discharge Sensitivity Testing - Socketed Device Model (SDM) - Component Level (reaffirmation of ANSI/ESD SP 5.3.2-2004 (R2008))
PINS Date: Public Review Start: Jul 12, 2013 Approval Date: Sep 30, 2013

PINS Date: Public Review Start: Feb 26, 2016 Approval Date: May 3, 2016

PINS Date: Jun 19, 2009 Public Review Start: Mar 20, 2015 Approval Date: Sep 14, 2015

PINS Date: Public Review Start: Apr 1, 2011 Approval Date: Jun 14, 2011

PINS Date: Jan 6, 2017 Public Review Start: Feb 23, 2018 Approval Date: Apr 25, 2018

ANSI/ESD SP3.3-2012 (R2017), ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizer Performance Using a Small Test Fixture (reaffirmation of ANSI/ESD SP3.4-2012)
PINS Date: Public Review Start: Oct 28, 2016 Approval Date: Jan 5, 2017

ANSI/ESD SP3.4-2012 (R2017), ESD Association Standard Practice for Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizer Performance Using a Small Test Fixture (reaffirmation of ANSI/ESD SP3.4-2012)
PINS Date: Public Review Start: Oct 28, 2016 Approval Date: Jan 5, 2017

PINS Date: Nov 24, 2017 Public Review Start: Dec 28, 2018 Approval Date: Feb 22, 2019

PINS Date: Jan 30, 2015 Public Review Start: Apr 7, 2017 Approval Date: Jun 19, 2017

PINS Date: Dec 3, 2010 Public Review Start: May 18, 2012 Approval Date: Jul 29, 2013

ANSI/ESD SP5.3.3-2018, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing – Charged Device Model (CDM) Testing – Component Level – Low-Impedance Contact CDM as an Alternative CDM Characterization Method (new standard)
PINS Date: Sep 22, 2017 Public Review Start: Nov 23, 2018 Approval Date: Feb 22, 2019
ANSI/ESD SP5.4.1-2018, ESD Association Standard
Practice for Latch-up Sensitivity Testing of CMOS/BiCMOS
Integrated Circuits - Transient Latch-up Testing - Device
Level (new standard)
PINS Date: Jan 30, 2015
Public Review Start: Oct 20, 2017
Approval Date: Feb 27, 2018

ANSI/ESD SP9.2-2019, ESD Association Draft Standard
Practice for the Protection of Electrostatic Discharge
Susceptible Items – Foot Grounders – Resistive
Characterization (new standard)
PINS Date: Oct 10, 2008
Public Review Start: Mar 15, 2019
Approval Date: Jul 29, 2019

ANSI/ESD STM11.11-2015, ESD Association Standard
Test Method for Protection of Electrostatic Discharge
Susceptible Items - Surface Resistance Measurement of
Static Dissipative Planar Materials (revision of ANSI/ESD
STM11.11-1993 (R2007))
PINS Date: May 4, 2012
Public Review Start: Jan 23, 2015
Approval Date: Jul 8, 2015

ANSI/ESD STM11.12-2015, ESD Association Standard
Test Method for Protection of Electrostatic Discharge
Susceptible Items - Volume Resistance Measurement of
Static Dissipative Planar Materials (revision of ANSI/ESD
STM11.12-2000 (R2007))
PINS Date: Mar 1, 2013
Public Review Start: Mar 20, 2015
Approval Date: May 28, 2015

ANSI/ESD STM11.13-2018, ESD Association Standard
Test Method for the Protection of Electrostatic Discharge
Susceptible Items Two-Point Resistance Measurement
(revision of ANSI/ESD STM11.13-2015)
PINS Date: Oct 6, 2017
Public Review Start: Feb 23, 2018
Approval Date: Jun 15, 2018

ANSI/ESD STM11.31-2018, ESD Association Standard
Test Method for Evaluating the Performance of
Electrostatic Discharge Shielding Materials – Bags
(revision of ANSI/ESD STM11.31-1994 (R2012))
PINS Date: Nov 25, 2016
Public Review Start: Aug 17, 2018
Approval Date: Dec 17, 2018

ANSI/ESD STM12.1-2019, ESD Association Standard Test
Method for the Protection of Electrostatic Discharge
Susceptible Items – Seating – Resistance Measurement
(revision of ANSI/ESD STM12.1-2014)
PINS Date: Mar 1, 2019
Public Review Start: Aug 23, 2019
Approval Date: Oct 17, 2019

ANSI/ESD STM15.1-2019, ESD Association Standard Test
Method for the Protection of Electrostatic Discharge
Susceptible Items – Methods For Resistance Measurement
of Gloves And Finger Cots (revision and redesignation of
ANSI/ESD SP15.1-2005 (R2011))
PINS Date: Jun 12, 2015
Public Review Start: Aug 23, 2019
Approval Date: Dec 19, 2019

ANSI/ESD STM2.1-2013 (R2018), ESD Association
Standard Test Method for the Protection of Electrostatic
Discharge Susceptible Items Garments Resistive
Characterization (reaffirmation of ANSI/ESD STM2.1-2013)
PINS Date:
Public Review Start: May 4, 2018
Approval Date: Jun 27, 2018

ANSI/ESD STM3.1-2015, ESD Association Draft Standard
Test Method for the Protection of Electrostatic Discharge
Susceptible Items - Ionization (revision of ANSI/ESD
STM3.1-1991 (R2006))
PINS Date: Apr 8, 2011
Public Review Start: Nov 14, 2014
Approval Date: Nov 19, 2015

ANSI/ESD STM4.1-2018, ESD Association Standard Test
Method for the Protection of Electrostatic Discharge
Susceptible Items - Worksurfaces - Resistance
Measurements (new standard)
PINS Date: Jun 3, 2011
Public Review Start: Oct 27, 2017
Approval Date: Feb 27, 2018

ANSI/ESD STM4.2-1998 (R2010), ESD Association
Standard Test Method for the Protection of Electrostatic
Discharge Susceptible Items - ESD Protective
Worsksurfaces - Charge Dissipation Characteristics
(reaffirmation of ANSI/ESD STM4.2-1998 (R2006))
PINS Date: Mar 11, 2011
Public Review Start: Mar 2, 2012
Approval Date: Apr 23, 2012
Approved American National Standards

PINS Date: Mar 11, 2011
Public Review Start: May 18, 2012
Approval Date: Jul 29, 2013

PINS Date: Jul 31, 2015
Approval Date: Jan 5, 2017

PINS Date: Apr 10, 2009
Public Review Start: Feb 21, 2014
Approval Date: May 13, 2014

PINS Date: Nov 25, 2011
Public Review Start: Nov 15, 2013
Approval Date: Nov 24, 2014

PINS Date: Mar 11, 2011
Public Review Start: Sep 2, 2016
Approval Date: Nov 17, 2016

PINS Date: Jun 3, 2016
Public Review Start: Mar 17, 2017
Approval Date: May 12, 2017

PINS Date: Sep 9, 2016
Public Review Start: May 4, 2018
Approval Date: Dec 17, 2018

ESTA (Entertainment Services and Technology Association)
www.esta.org

PINS Date: Public Review Start: Feb 23, 2018
Approval Date: May 31, 2018

PINS Date: Jun 16, 2017
Public Review Start: Aug 11, 2017
Approval Date: Feb 27, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Feb 26, 2016
Approval Date: Sep 23, 2016

PINS Date:
Public Review Start: Feb 17, 2017
Approval Date: May 18, 2017

PINS Date:
Public Review Start: Nov 15, 2019
Approval Date: Mar 23, 2020

PINS Date: Aug 24, 2012
Public Review Start: Aug 15, 2014
Approval Date: Feb 11, 2015

ANSI E1.2-2012, Entertainment Technology - Design, Manufacture and Use of Aluminum Trusses and Towers (revision of ANSI E1.2-2006)
PINS Date: Mar 2, 2012
Public Review Start: Apr 20, 2012
Approval Date: Jan 15, 2013

ANSI E1.20-2010, Entertainment Technology -- Remote Device Management over USITT DMX512 (revision of ANSI E1.20-2006)
PINS Date: Mar 7, 2008
Public Review Start: Feb 12, 2010
Approval Date: Jan 4, 2011

PINS Date: Feb 14, 2014
Approval Date: Oct 11, 2016

ANSI E1.24-2012 (R2017), Entertainment Technology - Dimensional Requirements for Stage Pin Connectors (reaffirmation of ANSI E1.24-2012)
PINS Date:
Public Review Start: Nov 18, 2016
Approval Date: Feb 23, 2017

ANSI E1.25-2012 (R2017), Recommended Basic Conditions For Measuring The Photometric Output Of Stage And Studio Luminaires By Measuring Illumination Levels Produced On A Planar Surface (reaffirmation of ANSI E1.25-2012)
PINS Date:
Public Review Start: Aug 11, 2017
Approval Date: Nov 2, 2017

PINS Date:
Public Review Start: Nov 18, 2016
Approval Date: Feb 23, 2017

ANSI E1.27-1-2006 (R2016), Entertainment Technology - Standard for Portable Control Cables for Use with ANSI E1.11 (DMX512-A) and USITT DMX512/1990 Products (reaffirmation of ANSI E1.27-1-2006 (R2010))
PINS Date:
Public Review Start: Nov 13, 2015
Approval Date: Apr 8, 2016

PINS Date:
Public Review Start: May 17, 2019
Approval Date: Sep 9, 2019
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Apr 8, 2016</td>
<td>Public Review Start: May 17, 2019</td>
</tr>
<tr>
<td>Approval Date: Jul 1, 2016</td>
<td>Approval Date: Sep 9, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI E1.29-2009 (R2018), Product Safety Standard for Theatrical Fog Generators that Create Aerosols of Water, Aqueous Solutions of Glycol or Glycerin, or Aerosols of Highly Refined Alkane Mineral Oil (reaffirmation of ANSI E1.29-2009 (R2014))</th>
<th>ANSI E1.30-4-2010 (R2015), EPI 26, Device Description Language (DDL) Extensions for DMX512 and E1.31 Devices (reaffirmation of ANSI E1.30-4-2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Nov 6, 2018</td>
<td>Approval Date: Sep 25, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 17, 2016</td>
<td>Approval Date: Nov 7, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 17, 2016</td>
<td>Approval Date: Sep 15, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Sep 9, 2019</td>
<td>Approval Date: Sep 21, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Dec 9, 2005</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Feb 23, 2018</td>
<td>Public Review Start: Nov 2, 2018</td>
</tr>
<tr>
<td>Approval Date: May 21, 2019</td>
<td>Approval Date: Mar 8, 2019</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI E1.35-2013 (R2018), Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (reaffirmation of ANSI E1.35-2013)
PINS Date: 
Public Review Start: Dec 1, 2017
Approval Date: Feb 27, 2018

ANSI E1.36-2007 (R2017), Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls (reaffirmation of ANSI E1.36-2007 (R2012))
PINS Date: 
Public Review Start: Aug 11, 2017
Approval Date: Nov 2, 2017

PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: May 18, 2017

PINS Date: Feb 20, 2015
Public Review Start: May 15, 2015
Approval Date: Sep 25, 2015

ANSI E1.37-7-2019, Additional Message Sets for ANSI E1.20 (RDM) - Gateway & Splitter Messages (new standard)
PINS Date: Feb 14, 2014
Public Review Start: Sep 21, 2018
Approval Date: May 23, 2019

PINS Date: Sep 4, 2009
Public Review Start: Sep 19, 2014
Approval Date: Jan 28, 2015

ANSI E1.4-1-2016, Entertainment Technology - Manual Counterweight Rigging Systems (revision and partition of ANSI E1.4-2014)
PINS Date: Feb 14, 2014
Public Review Start: Feb 26, 2016
Approval Date: Oct 11, 2016

ANSI E1.4-3-2020, Entertainment Technology—Manually Operated Hoist Rigging Systems (revision and partition of ANSI E1.4-2014)
PINS Date: Feb 14, 2014
Public Review Start: Nov 15, 2019
Approval Date: Jun 2, 2020

ANSI E1.40-2016, Recommendations for the Planning of Theatrical Dust Effects (revision of ANSI E1.40-2011)
PINS Date: Apr 1, 2016
Public Review Start: May 13, 2016
Approval Date: Sep 16, 2016

ANSI E1.41-2016, Recommendations for the Measurement of Entertainment Luminaires Utilizing Solid State Light Sources (revision of ANSI E1.41-2012)
PINS Date: Apr 1, 2016
Public Review Start: May 13, 2016
Approval Date: Sep 16, 2016

PINS Date: Jun 16, 2017
Public Review Start: Feb 23, 2018
Approval Date: Nov 6, 2018

ANSI E1.43-2016, Entertainment Technology - Performer Flying Systems (new standard)
PINS Date: Apr 1, 2011
Approval Date: Feb 12, 2016

PINS Date: 
Public Review Start: Mar 8, 2019
Approval Date: May 23, 2019
Approved American National Standards

ANSI E1.46-2018, Standard for the Prevention of Falls from Theatrical Stages and Raised Performance Platforms
(revision of ANSI E1.46-2016)
PINS Date: Mar 31, 2017
Public Review Start: Jan 26, 2018
Approval Date: Jul 13, 2018

ANSI E1.47-2017, Entertainment Technology - Recommended Guidelines for Entertainment Rigging System Inspections (new standard)
PINS Date: Aug 24, 2012
Public Review Start: Aug 12, 2016
Approval Date: Apr 28, 2017

ANSI E1.48-2014 (R2019), A Recommended Luminous Efficiency Function for Stage and Studio Luminaire Photometry (reaffirmation of ANSI E1.48-2014)
PINS Date:
Public Review Start: Nov 2, 2018
Approval Date: Feb 1, 2019

ANSI E1.5-2009 (R2018), Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols (reaffirmation of ANSI E1.5-2009 (R2014))
PINS Date:
Public Review Start: Aug 10, 2018
Approval Date: Nov 29, 2018

PINS Date: Jan 31, 2014
Approval Date: Aug 14, 2017

PINS Date: Jan 24, 2014
Public Review Start: Dec 1, 2017
Approval Date: Nov 7, 2018

ANSI E1.54-2015, PLASA Standard for Color Communication in Entertainment Lighting (new standard)
PINS Date: Aug 15, 2014
Public Review Start: Jan 23, 2015
Approval Date: May 21, 2015

PINS Date: Apr 1, 2016
Public Review Start: May 13, 2016
Approval Date: Sep 16, 2016

ANSI E1.56-2018, Entertainment Technology - Rigging Support Points (new standard)
PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Nov 6, 2018

ANSI E1.57-2016, Recommendations to prevent falls on or off movable parade floats, movable stages, and similar moving platforms (new standard)
PINS Date: Jan 16, 2015
Public Review Start: Dec 18, 2015
Approval Date: May 6, 2016

ANSI E1.58-2017, Electrical Safety Standard for Portable Stage and Studio Equipment Used Outdoors (new standard)
PINS Date: Aug 14, 2015
Public Review Start: May 5, 2017
Approval Date: Oct 11, 2017

ANSI E1.6-1-2019, Entertainment Technology – Powered Hoist Systems (revision of ANSI E1.6-1-2012)
PINS Date: Feb 26, 2016
Public Review Start: Sep 7, 2018
Approval Date: May 10, 2019

PINS Date: Nov 18, 2016
Public Review Start: Aug 11, 2017
Approval Date: Apr 10, 2018

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE 490
ANSI E1.6-4-2013, Portable Control of Fixed-Speed Electric Chain Hoists in the Entertainment Industry (new standard)
PINS Date: Aug 29, 1997
Public Review Start: May 24, 2013
Approval Date: Oct 3, 2013

ANSI E1.60-2018, Guidelines for the Use of Raked Stages in Live Performance Environments (new standard)
PINS Date: Dec 30, 2016
Public Review Start: Feb 23, 2018
Approval Date: Sep 20, 2018

ANSI E1.8-2018, Entertainment Technology - Loudspeaker Enclosures Intended for Overhead Suspension Classification, Manufacture and Structural Testing (revision of ANSI E1.8-2012)
PINS Date: Aug 11, 2017
Public Review Start: Mar 9, 2018
Approval Date: Nov 29, 2018

PINS Date: Aug 11, 2017
Public Review Start: Aug 11, 2017
Approval Date: Nov 2, 2017

ANSI ES1.19-2020, Safety Requirements for Special Event Structures (revision of ANSI ES1.19-2018)
PINS Date: Apr 5, 2019
Public Review Start: Nov 8, 2019
Approval Date: Jun 2, 2020

PINS Date: Aug 11, 2017
Public Review Start: Mar 16, 2018
Approval Date: Sep 27, 2018

PINS Date: Dec 8, 2017
Public Review Start: Nov 15, 2019
Approval Date: Mar 23, 2020

PINS Date: Aug 9, 2019
Public Review Start: Nov 8, 2019
Approval Date: Apr 1, 2020

ANSI/E1.53-2019, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice (revision of ANSI E1.53-2016)
PINS Date: Aug 24, 2018
Public Review Start: Oct 5, 2018
Approval Date: Jun 28, 2019

ANSI/E1.6-3-2019, Selection and Use of Serially Manufactured Chain Hoists in the Entertainment Industry (revision of ANSI/E1.6-3-2012)
PINS Date: Apr 7, 2017
Public Review Start: Feb 22, 2019
Approval Date: Oct 14, 2019

PINS Date: Nov 2, 2018
Public Review Start: Nov 8, 2019
Approval Date: Apr 3, 2020

FCI (Fluid Controls Institute)
www.fluidcontrolsinstitute.org

ANSI/FCI 13-1-2016, Determining Condensate Loads to Size Steam Traps (new standard)
PINS Date: Aug 1, 2014
Public Review Start: Feb 26, 2016
Approval Date: Jul 1, 2016

ANSI/FCI 15-1-2015, Standard for Production Testing of Pressure Regulators (new standard)
PINS Date: Apr 10, 2015
Public Review Start: May 29, 2015
Approval Date: Oct 30, 2015
ANSI/FCI 4-1-2014 (R2019), Pressure Regulator Hydrostatic Shell Test Method (reaffirmation of ANSI/FCI 4-1-2014)
PINS Date: Jun 14, 2019
Public Review Start: Jun 14, 2019
Approval Date: Nov 18, 2019

ANSI/FCI 91-1-2010, Standard for Qualification of Control Stem Seals (new standard)
PINS Date:
Public Review Start: Mar 9, 2007
Approval Date: Aug 5, 2010

ANSI/FCI 69-1-2017, Pressure Rating Standard for Steam Traps (new standard)
PINS Date: Oct 29, 2010
Public Review Start: May 19, 2017
Approval Date: Jul 31, 2017

PINS Date: Apr 20, 2018
Public Review Start: Jun 14, 2019
Approval Date: Nov 14, 2019

ANSI/FCI 70-2-2013, Control Valve Seat Leakage (revision of ANSI/FCI 70-2-2006)
PINS Date: Apr 2, 2010
Public Review Start: Aug 17, 2012
Approval Date: Jan 26, 2013

ANSI/FCI 99-1-2014, Standard for Performance Testing of Secondary Pressure Drainers (new standard)
PINS Date: Jan 28, 2000
Public Review Start: Apr 11, 2014
Approval Date: Jul 21, 2014

ANSI/FCI 70-3-2016, Regulator Seat Leakage (revision of ANSI/FCI 70-3-2015)
PINS Date: Jun 19, 2015
Public Review Start: Mar 18, 2016
Approval Date: May 27, 2016

PINS Date: Aug 17, 2012
Public Review Start: Jul 25, 2014
Approval Date: Jun 10, 2015

ANSI/FCI 99-3-2020, Backpressure Regulator Capacity (revision of ANSI/FCI 99-3-2012)
PINS Date: Mar 3, 2017
Public Review Start: Jul 19, 2019
Approval Date: Feb 13, 2020

PINS Date: Dec 16, 2016
Public Review Start: Oct 4, 2019
Approval Date: Nov 21, 2019

ANSI/FCI 99-3-2020, Backpressure Regulator Capacity (revision of ANSI/FCI 99-3-2012)
PINS Date: Mar 3, 2017
Public Review Start: Jul 19, 2019
Approval Date: Feb 13, 2020

FM (FM Approvals)
www.fmglobal.com

PINS Date: Mar 20, 2009
Public Review Start: Jul 30, 2010
Approval Date: Jan 13, 2011

ANSI/FM 1035-2018, Nitrogen Generators (new standard)
PINS Date: Oct 10, 2014
Public Review Start: Jul 13, 2018
Approval Date: Oct 18, 2018
ANSI/FM 1950-2016, Seismic Sway Braces for Pipe, Tubing and Conduit (new standard)
PINS Date: Mar 8, 2002
Approval Date: Feb 1, 2016

ANSI/FM 2510-2014, Flood Abatement Equipment (new standard)
PINS Date: Feb 8, 2008
Public Review Start: Jul 19, 2013
Approval Date: Feb 4, 2014

PINS Date: Feb 26, 2016
Public Review Start: Dec 2, 2016
Approval Date: Jan 30, 2017

PINS Date: Dec 1, 2006
Public Review Start: Feb 26, 2010
Approval Date: Jan 31, 2011

ANSI/FM 4476-2014, Flexible Photovoltaic Modules (new standard)
PINS Date: Nov 27, 2009
Public Review Start: Jun 27, 2014
Approval Date: Oct 6, 2014

ANSI/FM 4477-2016, Vegetative Roof Systems (new standard)
PINS Date: Nov 27, 2009
Public Review Start: Jan 15, 2016
Approval Date: Mar 9, 2016

ANSI/FM 4478-2014, Rigid Photovoltaic Modules (new standard)
PINS Date: Jan 31, 2014
Public Review Start: Jul 25, 2014
Approval Date: Oct 16, 2014

PINS Date: Nov 16, 2012
Public Review Start: Sep 30, 2016
Approval Date: Jan 3, 2017

PINS Date: Dec 4, 2009
Public Review Start: Dec 16, 2016
Approval Date: Apr 25, 2017

PINS Date: Jun 19, 2009
Public Review Start: Apr 5, 2013
Approval Date: Oct 3, 2013

ANSI/FM 4920-2014, Testing Filters Used in Clean Room Facilities (new standard)
PINS Date: Nov 27, 2009
Public Review Start: Sep 12, 2014
Approval Date: Dec 15, 2014

PINS Date: Jan 6, 2012
Public Review Start: Jul 6, 2012
Approval Date: Feb 19, 2013

ANSI/FM 4996-2019, Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets (revision of ANSI/FM 4996-2013)
PINS Date: Jan 27, 2017
Public Review Start: May 26, 2017
Approval Date: Dec 9, 2019

PINS Date: Oct 5, 2012
Public Review Start: Aug 25, 2017
Approval Date: Nov 7, 2017
PINS Date: Nov 27, 2009
Public Review Start: Aug 21, 2015
Approval Date: Nov 10, 2015

PINS Date: Dec 20, 2013
Public Review Start: Nov 3, 2017
Approval Date: Apr 24, 2019

GBI (Green Building Initiative)
www.thegbi.org

PINS Date: Aug 7, 2015
Public Review Start: Nov 3, 2017
Approval Date: Apr 24, 2019

GISC (ASC Z97) (Glazing Industry Secretariat Committee)
www.ansiz97.com

PINS Date: Jul 23, 2010
Public Review Start: Feb 20, 2015
Approval Date: Sep 15, 2015

GTESS (Georgia Institute of Technology Energy & Sustainability Services)
www.innovate.gatech.edu

PINS Date: Jun 3, 2011
Public Review Start: Jun 3, 2011
Approval Date: Feb 20, 2013
ISO Adoption

ANSI/ISO/MSE 50002-2014, Energy audits (identical national adoption of ISO 50002)
PINS Date: Aug 2, 2013
Approval Date: Jul 15, 2014
ISO Adoption

ANSI/ISO/MSE 50003-2014, Energy management systems - Requirements for bodies providing audit and certification of energy management systems (identical national adoption of ISO 50003)
PINS Date: Sep 27, 2013
Approval Date: Jul 15, 2014
ISO Adoption

PINS Date: Jan 16, 2015
Public Review Start: Jun 23, 2015
Approval Date: Jun 23, 2015
ISO Adoption

ANSI/ISO/MSE 50006-2014, Energy management systems - Measuring energy performance using energy baselines (EnB) and energy performance indicators (EnPI) - General principles and guidance (identical national adoption of ISO 50006: 2014)
PINS Date: Jan 16, 2015
Public Review Start: Jun 23, 2015
ISO Adoption

ANSI/ISO/MSE 50015-2014, Measurement and verification of organizational energy performance - General principles and guidance (identical national adoption of ISO CD 50015)
PINS Date: Sep 27, 2013
ISO Adoption

PINS Date: Apr 21, 2017
Public Review Start: Nov 13, 2017
Approval Date: Apr 9, 2019
ISO Adoption
ANSI/MSE 50028-2-2019, Superior Energy Performance (R) 50001 Program - Requirements for verification bodies for use in accreditation or other forms of recognition (revision and redesignation of ANSI/MSE 50028-2016)
PINS Date: Apr 21, 2017
Public Review Start: Sep 7, 2018
Approval Date: May 3, 2019

PINS Date: Dec 8, 2017
Public Review Start: Apr 13, 2018
Approval Date: Aug 29, 2018

ISO Adoption

PINS Date: Feb 5, 2016
Public Review Start: Mar 11, 2016
Approval Date: Dec 9, 2016

ISO Adoption

HI (Hydraulic Institute)
www.pumps.org

ANSI/HI 1.1-1.2-2014, Rotodynamic Centrifugal Pumps for Nomenclature & Definitions (revision of ANSI/HI 1.1-1.2-2008)
PINS Date: Sep 28, 2012
Public Review Start: Jan 31, 2014
Approval Date: Oct 30, 2014

ANSI/HI 1.3-2013, Rotodynamic Centrifugal Pumps for Design and Application (revision of ANSI/HI 1.3-2009)
PINS Date: Apr 22, 2011
Public Review Start: Jun 7, 2013
Approval Date: Dec 19, 2013

ANSI/HI 1.4-2014, Rotodynamic Centrifugal Pumps for Manuals Describing Installation, Operation, and Maintenance (revision of ANSI/HI 1.4-2010)
PINS Date: Sep 28, 2012
Public Review Start: May 3, 2013
Approval Date: Jun 2, 2014

ANSI/HI 10.1-10.5-2010 (R2016), Air-Operated Pumps for Nomenclature, Definitions, Application, and Operation (reaffirmation of ANSI/HI 10.1-10.5-2010)
PINS Date: Jul 5, 2013
Approval Date: Jan 8, 2016

ANSI/HI 10.6-2010 (R2016), Air-Operated Pump Tests (reaffirmation of ANSI/HI 10.6-2010)
PINS Date: Jul 5, 2013
Approval Date: Jan 8, 2016

ANSI/HI 11.6-2017, Rotodynamic Submersible Pumps for Hydraulic Performance, Hydrostatic Pressure Mechanical, and Electrical Acceptance Tests (revision of ANSI/HI 11.6-2012)
PINS Date: Mar 20, 2015
Public Review Start: Jul 21, 2017
Approval Date: Sep 1, 2017

PINS Date: Dec 20, 2013
Public Review Start: May 20, 2016
Approval Date: Aug 5, 2016

PINS Date: Apr 11, 2014
Public Review Start: Jun 15, 2018
Approval Date: Apr 9, 2019

ANSI/HI 14.3-2019, Rotodynamic Pumps for Design and Application (new standard)
PINS Date: Feb 15, 2013
Public Review Start: Oct 12, 2018
Approval Date: Feb 1, 2019

ANSI/HI 14.4-2018, Rotodynamic Pumps for Installation, Operation and Maintenance (new standard)
PINS Date: Apr 11, 2014
Public Review Start: Jun 8, 2018
Approval Date: Nov 29, 2018
ANSI/HI 14.6-2016, Rotodynamic Pumps for Hydraulic Performance Acceptance Tests (revision of ANSI/HI 14.6-2011)
PINS Date: Mar 20, 2015
Public Review Start: Jun 10, 2016
Approval Date: Aug 31, 2016

PINS Date: Sep 28, 2012
Public Review Start: Apr 19, 2013
Approval Date: Apr 8, 2014

ANSI/HI 2.3-2013, Rotodynamic (Vertical) Pumps of Radial, Mixed, and Axial Flow Types for Design and Application (revision of ANSI/HI 2.3-2008)
PINS Date: Apr 22, 2011
Public Review Start: Jun 8, 2012
Approval Date: Dec 19, 2013

ANSI/HI 2.4-2014, Rotodynamic Vertical Pumps for Installation, Operation and Maintenance (revision of ANSI/HI 2.4-2008)
PINS Date: Sep 28, 2012
Public Review Start: Apr 19, 2013
Approval Date: May 12, 2014

ANSI/HI 3.1-3.5-2015, Rotary Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 3.1-3.5-2008)
PINS Date: Apr 4, 2014
Approval Date: Sep 25, 2015

ANSI/HI 3.6-2016, Rotary Pump Tests (revision of ANSI/HI 3.6-2010)
PINS Date: Jun 5, 2015
Public Review Start: Jul 1, 2016
Approval Date: Aug 17, 2016

ANSI/HI 4.1-4.6-2017, Sealless, Magnetically Driven Rotary Pumps for Nomenclature, Definitions, Application, Operation, and Test (revision of ANSI/HI 4.1-4.6-2010)
PINS Date: Jun 26, 2015
Public Review Start: Mar 31, 2017
Approval Date: May 23, 2017

ANSI/HI 5.1-5.6-2016, Sealless Rotodynamic Pumps for Nomenclature, Definitions, Design, Application, Operation, and Test (revision of ANSI/HI 5.1-5.6-2010)
PINS Date: Jun 13, 2014
Public Review Start: Jan 22, 2016
Approval Date: Mar 24, 2016

ANSI/HI 7.1-7.5-2017, Controlled-Volume Metering Pumps - Nomenclature, Definition, Application and Operation (revision of ANSI/HI 7.1-7.5-2013)
PINS Date: Mar 25, 2016
Public Review Start: May 26, 2017
Approval Date: Aug 3, 2017

ANSI/HI 7.6-2018, Controlled Volume Metering Pump Piping Guideline (new standard)
PINS Date: Apr 11, 2014
Public Review Start: Jan 22, 2016
Approval Date: Mar 24, 2016

ANSI/HI 7.8-2016, Controlled Volume Metering Pump Piping Guideline (new standard)
PINS Date: Mar 7, 2008
Public Review Start: Mar 6, 2015
Approval Date: May 11, 2015

ANSI/HI 9.1-9.5-2015, Pumps - General Guidelines (new standard)
PINS Date: Mar 7, 2008
Public Review Start: Mar 6, 2015
Approval Date: May 11, 2015

PINS Date: Apr 11, 2014
Approval Date: Jan 6, 2017

PINS Date: Dec 20, 2013
Public Review Start: Feb 13, 2015
Approval Date: May 15, 2015
ANSI/HI 9.6.3-2017, Rotodynamic Pumps - Guideline for
Operating Regions (revision of ANSI/HI 9.6.3-2012)
PINS Date: Apr 11, 2014
Public Review Start: May 20, 2016
Approval Date: Jan 6, 2017

ANSI/HI 9.6.4-2016, Rotodynamic Pumps for Vibration
Measurements and Allowable Values (revision of ANSI/HI
9.6.4-2009)
PINS Date: Jun 14, 2013
Public Review Start: May 20, 2016
Approval Date: Nov 7, 2016

ANSI/HI 9.6.5-2016, Rotodynamic Pumps - Guideline for
Condition Monitoring (revision of ANSI/HI 9.6.5-2009)
PINS Date: Dec 20, 2013
Public Review Start: Mar 11, 2016
Approval Date: Jul 21, 2016

ANSI/HI 9.6.6-2016, Rotodynamic Pumps for Pump Piping
(revision of ANSI/HI 9.6.6-2009)
PINS Date: Dec 20, 2013
Public Review Start: Jan 1, 2016
Approval Date: Mar 23, 2016

ANSI/HI 9.6.7-2015, American National Standard for
Rotodynamic Pumps - Guideline for Effects of Liquid
Viscosity on Performance (revision of ANSI/HI 9.6.7-2010)
PINS Date: May 1, 2015
Public Review Start: Jun 5, 2015
Approval Date: Sep 16, 2015

ANSI/HI 9.6.8-2014, Rotodynamic Pumps - Dynamics of
Pumping Machinery (new standard)
PINS Date: Mar 29, 2013
Public Review Start: May 9, 2014
Approval Date: Oct 27, 2014

ANSI/HI 9.6.9-2018, Rotary Pumps Guidelines for
Condition Monitoring (revision of ANSI/HI 9.6.9-2013)
PINS Date: May 5, 2017
Public Review Start: Oct 12, 2018
Approval Date: Dec 4, 2018

ANSI/HI 9.8-2018, Rotodynamic Pumps for Pump Intake
Design (revision of ANSI/HI 9.8-2012)
PINS Date: Dec 20, 2013
Public Review Start: Aug 25, 2017
Approval Date: Jan 8, 2018

HIBCC (Health Industry Business
Communications Council)
www.hibcc.org

ANSI/HIBC 1.3-2010, The Health Industry Bar Code
(HIBC) Provider Applications Standard (revision and
redesignation of ANSI/HIBC 1.2-2006)
PINS Date: Aug 7, 2009
Public Review Start: Mar 19, 2010
Approval Date: Jul 7, 2010

ANSI/HIBC 2.6-2016, The Health Industry Bar Code
Supplier Labeling Standard for Patient Safety & Unique
Device Identification (revision and redesignation of
ANSI/HIBC 2.5-2015)
PINS Date: Jul 1, 2016
Public Review Start: Jul 8, 2016
Approval Date: Sep 1, 2016

HL7 (Health Level Seven)
www.hl7.org

ANSI/HL7 Arden V2.10-2014 (R2019), Health Level Seven
Arden Syntax for Medical Logic Systems, Version 2.10
-2019 (reaffirmation of ANSI/HL7 Arden V2.10-2014)
PINS Date:
Public Review Start: May 31, 2019
Approval Date: Jul 31, 2019

ANSI/HL7 CDA, R2.1-2019, HL7 Clinical Document
Architecture, Release 2.1 (revision and redesignation of
ANSI/HL7 CDA, R2-2005 (R2015))
PINS Date: Mar 13, 2015
Public Review Start: Sep 20, 2019
Approval Date: Dec 6, 2019
PINS Date: Dec 25, 2009
Approval Date: Jan 12, 2017

PINS Date: Mar 20, 2015
Approval Date: Jan 3, 2017

PINS Date: Mar 13, 2015
Public Review Start: Sep 18, 2015
Approval Date: Nov 16, 2015

PINS Date: Mar 13, 2015
Approval Date: Jun 15, 2016

ANSI/HL7 CMS V1.6-2011 (R2016), HL7 Context Management Specification, Version 1.6 (reaffirmation of ANSI/HL7 CMS V1.6-2011)
PINS Date: Jul 17, 2015
Public Review Start: Jun 24, 2016
Approval Date: Oct 13, 2016

ANSI/HL7 EHR BHFP, R1-2008 (R2019), HL7 EHR Behavioral Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR BHFP, R1-2008 (R2014))
PINS Date: Public Review Start: May 31, 2019
Approval Date: Aug 1, 2019

ANSI/HL7 EHR CHFP, R1-2008 (R2019), HL7 EHR Child Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CHFP, R1-2008 (R2014))
PINS Date: Public Review Start: May 31, 2019
Approval Date: Aug 1, 2019

PINS Date: Public Review Start: May 31, 2019
Approval Date: Aug 1, 2019

ANSI/HL7 EHR LTCFP, R1-2010 (R2016), HL7 EHR System Long Term Care Functional Profile, Release 1 - US Realm (reaffirmation of ANSI/HL7 EHR LTCFP, R1-2010)
PINS Date: Aug 14, 2015
Public Review Start: Nov 20, 2015
Approval Date: Jan 22, 2016

PINS Date: Dec 28, 2007
Public Review Start: Apr 30, 2010
Approval Date: Aug 16, 2010

PINS Date: Jun 10, 2016
Public Review Start: May 18, 2018
Approval Date: Sep 4, 2018

PINS Date: Apr 20, 2012
Public Review Start: Jun 28, 2013
Approval Date: Apr 21, 2014

ANSI/HL7 EHRXPROVFP, R1-2012 (R2017), HL7 EHR-System Pharmacist/Pharmacy Provider Functional Profile, Release 1 - US Realm (reaffirmation of ANSI/HL7 EHRXPROVFP, R1-2012)
PINS Date: Public Review Start: Feb 10, 2017
Approval Date: Jun 12, 2017
<table>
<thead>
<tr>
<th>ANSI/HL7 Standard</th>
<th>Title</th>
<th>Type</th>
<th>Release</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/HL7 V2 XML, R2-2012 (R2017), HL7 Version 2 XML Encoding Rules, R2 (reaffirmation of ANSI/HL7 V2 XML, R2-2012)
PINS Date: Public Review Start: Oct 27, 2017 Approval Date: Dec 14, 2017

PINS Date: Apr 15, 2016 Public Review Start: Oct 18, 2019 Approval Date: Dec 9, 2019

PINS Date: Mar 31, 2017 Public Review Start: Jun 30, 2017 Approval Date: Aug 18, 2017

PINS Date: Mar 31, 2017 Public Review Start: Jun 30, 2017 Approval Date: Aug 24, 2017

PINS Date: Mar 31, 2017 Public Review Start: Mar 6, 2020 Approval Date: Apr 27, 2020

ANSI/HL7 V3 CPM CMET, R4-2018, HL7 Version 3 Standard: Common Product Model CMETs, Release 4 (revision and redesignation of ANSI/HL7 V3 CPM CMET, R3-2016)
PINS Date: Jul 29, 2016 Public Review Start: Dec 29, 2017 Approval Date: Feb 27, 2018

PINS Date: Apr 20, 2012 Public Review Start: Aug 17, 2018 Approval Date: Nov 1, 2018

PINS Date: Mar 31, 2017 Public Review Start: Jun 30, 2017 Approval Date: Aug 18, 2017

ANSI/HL7 V3 CS CMET, R1-2016, HL7 Version 3 Standard: Clinical Statement CMETs, Release 1 (new standard)

PINS Date: Public Review Start: May 31, 2019 Approval Date: Aug 1, 2019

PINS Date: Apr 17, 2009 Public Review Start: Nov 7, 2014 Approval Date: Feb 20, 2015

ANSI/HL7 V3 DAM DIETORD, R2-2017, HL7 Version 3 Domain Analysis Model: Diet and Nutrition Orders, Release 2 (new standard)
PINS Date: May 6, 2016 Public Review Start: Nov 11, 2016 Approval Date: Jan 6, 2017
ANSI/HL7 V3 DSR, R2-2011 (R2016), HL7 Version 3 Standard: Drug Stability Reporting (eStability), Release 2 (reaffirmation of ANSI/HL7 V3 DSR, R2-2011)
PINS Date: Mar 4, 2016
Public Review Start: Jul 1, 2016
Approval Date: Aug 22, 2016

PINS Date: Jan 19, 2018
Public Review Start: Jul 13, 2018
Approval Date: Sep 6, 2018

PINS Date: Dec 28, 2007
Public Review Start: Sep 11, 2009
Approval Date: Mar 19, 2012

PINS Date: Public Review Start: May 31, 2019
Approval Date: Aug 1, 2019

PINS Date: Feb 19, 2016
Public Review Start: Feb 24, 2017
Approval Date: Apr 17, 2017

PINS Date: Public Review Start: Apr 15, 2016
Approval Date: Jun 9, 2016

PINS Date: Sep 11, 2009
Public Review Start: Apr 28, 2017
Approval Date: Jun 15, 2017

PINS Date: Jun 3, 2016
Approval Date: Dec 2, 2016

PINS Date: Jun 3, 2016
Approval Date: Dec 2, 2016

PINS Date: Public Review Start: Mar 6, 2020
Approval Date: Apr 27, 2020

PINS Date: Public Review Start: Jul 12, 2019
Approval Date: Sep 9, 2019

ANSI/HL7 V3 INFOB, R2-2014 (R2019), HL7 Version 3 Standard: Context-Aware Retrieval Application (Infobutton); Knowledge Request, Release 2 (reaffirmation of ANSI/HL7 V3 INFOB, R2-2014)
PINS Date: Public Review Start: Jun 21, 2019
Approval Date: Aug 12, 2019
ANSI/HL7 V3 IS, R1-2014 (R2019), HL7 Version 3
Standard: Identification Service (IS), Release 1
(reaffirmation of ANSI/HL7 V3 IS, R1-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: May 23, 2019

ANSI/HL7 V3 ISODT, R1-2013 (R2018), HL7 Version 3
Standard: XML Implementation Technology Specification,
R2; ISO-Harmonized Data Types, Release 1 (reaffirmation
of ANSI/HL7 V3 ISODT, R1-2013)
PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Apr 20, 2018

ANSI/HL7 V3 IZ, R1-2013 (R2018), HL7 Version 3
Standard: Immunization Messaging, Release 1
(reaffirmation of ANSI/HL7 V3 IZ, R1-2013)
PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Apr 20, 2018

ANSI/HL7 V3 LBRESULT, R1-2009 (R2020), HL7 Version
3 Standard: Laboratory Results, Release 1 (reaffirmation
of ANSI/HL7 V3 LBRESULT, R1-2009 (R2014))
PINS Date:
Public Review Start: Oct 11, 2019
Approval Date: Jan 10, 2020

ANSI/HL7 V3 ME DKBQ, R1-2012 (R2017), HL7 Version 3
Standard: Medication; Knowledge-Base Query, Release 1
(reaffirmation of ANSI/HL7 V3 ME DKBQ, R1-2012)
PINS Date:
Public Review Start: Feb 10, 2017
Approval Date: Apr 3, 2017

ANSI/HL7 V3 MFRI, R1-2006 (R2018), HL7 Version 3
Standard: Master File/Registry Infrastructure, R1
(reaffirmation of ANSI/HL7 V3 MFRI, R1-2006 (R2011))
PINS Date:
Public Review Start: Aug 17, 2018
Approval Date: Oct 19, 2018

ANSI/HL7 V3 PA ENCOUNTER, R1-2016, HL7 Version 3
Standard: Patient Administration; Patient Encounter,
Release 1 (new standard)
PINS Date: Aug 14, 2015
Public Review Start: Nov 20, 2015
Approval Date: Jan 22, 2016

ANSI/HL7 V3 PACMET, R2-2016, HL7 Version 3
Standard: Patient Administration CMETs, Release 2
(revision and partition of ANSI/HL7 V3 CMET R3-2013)
PINS Date: Nov 20, 2015
Approval Date: Apr 12, 2016

ANSI/HL7 V3 PAPRSNREG, R1-2015 (R2020), HL7
Version 3 Standard: Patient Administration; Person
Registry, Release 1 (reaffirmation of ANSI/HL7 V3
PAPRSNREG, R1-2015)
PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 27, 2020

ANSI/HL7 V3 PASS SECURITY LABELSRV, R1-2014
(R2019), HL7 Version 3 Standard: Privacy, Access and
Security Services; Security Labeling Service, Release 1
(reaffirmation of ANSI/HL7 V3 PASS SECURITY
LABELSRV, R1-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: Jun 7, 2019

ANSI/HL7 V3 PASSAC, R1-2017, HL7 Version 3 Standard:
Privacy, Access and Security Services (PASS) Access
Control, Release 1 (new standard)
PINS Date: Dec 25, 2009
Approval Date: Jan 9, 2017

ANSI/HL7 V3 PC CAREPLAN, R1-2013 (R2018), HL7
Version 3 Standard: Care Provision; Care Record Topic,
Release 1 (reaffirmation of ANSI/HL7 V3 PC CAREPLAN,
R1-2013)
PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Apr 20, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/HL7 V3 PC CAREREC, R1-2013 (R2018), HL7 Version 3 Standard: Care Provision; Queries Care Record Topic, Release 1 (reaffirmation of ANSI/HL7 V3 PC CAREREC, R1-2013)
PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Jun 15, 2018

ANSI/HL7 V3 PC CARETRANS, R1-2013 (R2018), HL7 Version 3 Standard: Care Provision; Care Transfer Topic, Release 1 (reaffirmation of ANSI/HL7 V3 PC CARETRANS, R1-2013)
PINS Date:
Public Review Start: Mar 2, 2018
Approval Date: May 8, 2018

ANSI/HL7 V3 PCAS, R1-2018, HL7 Version 3 Standard: Care Provision; Assessment Scales, Release 1 (new standard)
PINS Date: Aug 19, 2016
Public Review Start: Apr 6, 2018
Approval Date: May 24, 2018

ANSI/HL7 V3 PCDIM, R1-2013 (R2018), HL7 Version 3 Standard: Care Provision Domain Information Model, Release 1 (reaffirmation of ANSI/HL7 V3 PCDIM, R1-2013)
PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Apr 20, 2018

PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: Jun 7, 2019

PINS Date: Dec 25, 2015
Public Review Start: Jul 29, 2016
Approval Date: Oct 5, 2016

PINS Date:
Public Review Start: Mar 20, 2015
Approval Date: Sep 9, 2015

PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Nov 4, 2011

ANSI/HL7 V3 REG RTLTM, R1-2011 (R2016), HL7 Version 3 Standard: Registries; Real-Time Location Tracking, Release 1 (reaffirmation of ANSI/HL7 V3 REG RTLTM, R1-2011)
PINS Date:
Public Review Start: Jun 24, 2016
Approval Date: Sep 23, 2016

ANSI/HL7 V3 RIM, R7-2016, HL7 Version 3 Standard: Reference Information Model, Release 7 (revision and redesignation of ANSI/HL7 V3 RIM, R6-2013)
PINS Date:
Public Review Start: May 6, 2016
Approval Date: Jul 28, 2016

PINS Date: Dec 25, 2009
Public Review Start: May 15, 2015
Approval Date: Jul 8, 2015

ANSI/HL7 V3 RXCMET, R1-2014 (R2019), HL7 Version 3 Standard: Pharmacy CMETs, Release 1 (reaffirmation of ANSI/HL7 V3 RXCMET, R1-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: May 21, 2019
ANSI/HL7 V3 RXMSEVNT, R2-2014 (R2019), HL7
Version 3 Standard: Pharmacy; Medication Dispense and
Supply Event, Release 2 (reaffirmation of ANSI/HL7 V3
RXMSEVNT, R2-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: May 21, 2019

ANSI/HL7 V3 RXMEDCMET, R1-2014 (R2019), HL7
Version 3 Standard: Pharmacy; Medication CMET, Release
1 (reaffirmation of ANSI/HL7 V3 RXMEDCMET, R1-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: May 21, 2019

ANSI/HL7 V3 RXMEDORDER, R2-2014 (R2019), HL7
Version 3 Standard: Pharmacy; Medication Order, Release
2 (reaffirmation of ANSI/HL7 V3 RXMEDORDER, R2-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: Jul 19, 2019

ANSI/HL7 V3 RXMSSEVNT, R1-2013 (R2018), HL7
Version 3 Standard: Medication Statement and
Administration Event, Release 1 (reaffirmation of ANSI/HL7
V3 RXMSSEVNT, R1-2013)
PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: May 24, 2018

ANSI/HL7 V3 SC, R2-2014 (R2019), HL7 Version 3
Standard: Scheduling, Release 2 (reaffirmation of
ANSI/HL7 V3 SC, R2-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: Jun 7, 2019

ANSI/HL7 V3 SECPRENT, R1-2014 (R2019), HL7 Version
3 Standard: Security and Privacy Ontology, Release 1
(reaffirmation of ANSI/HL7 V3 SECPRENT, R1-2014)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: May 23, 2019

ANSI/HL7 V3 SOA EPSSRVINT, R1-2019, HL7 Version 3
Standard: Unified Communication Service Interface,
Release 1 - US Realm (new standard)
PINS Date: Jan 26, 2018
Public Review Start: Jun 21, 2019
Approval Date: Aug 22, 2019

ANSI/HL7 V3 SOA UCRSVINT, R1-2019, HL7 Version 3
Standard: Event Publish & Subscribe Service Interface,
Release 1 - US Realm (new standard)
PINS Date: Jan 26, 2018
Public Review Start: Jun 21, 2019
Approval Date: Aug 23, 2019

ANSI/HL7 V3 SPDIR, R1-2010, HL7 Version 3 Standard:
Healthcare, Community Services and Provider Directory,
Release 1 (new standard)
PINS Date: Sep 11, 2009
Public Review Start: Oct 16, 2009
Approval Date: Feb 18, 2010

ANSI/HL7 V3 SPL, R8-2018, HL7 Version 3 Standard:
Structured Product Labeling, Release 8 (revision and
redesignation of ANSI/HL7 V3 SPL, R7-2016)
PINS Date: Apr 7, 2017
Public Review Start: Dec 29, 2017
Approval Date: Feb 27, 2018

ANSI/HL7 V3 TR AB, R1-2013 (R2018), HL7 Version 3
Standard: Abstract Transport Specification, Release 1
(reaffirmation of ANSI/HL7 V3 TR AB, R1-2013)
PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: May 31, 2018

ANSI/HL7 V3 TR ebXML, R1-2008 (R2013), HL7 Version 3
Standard: Transport Specification - ebXML, Release 1
(reaffirmation of ANSI/HL7 V3 TR ebXML, R1-2008)
PINS Date:
Public Review Start: Apr 12, 2013
Approval Date: Jun 4, 2013
PINS Date: Public Review Start: Jun 30, 2017 Approval Date: Aug 18, 2017

PINS Date: Public Review Start: Jun 21, 2019 Approval Date: Aug 30, 2019

PINS Date: Public Review Start: Apr 12, 2013 Approval Date: Jun 4, 2013

PINS Date: Public Review Start: Feb 23, 2018 Approval Date: Apr 20, 2018

PINS Date: Public Review Start: Jun 28, 2019 Approval Date: Aug 15, 2019

ANSI/HL7 V3ITSHDATA RF, R1-2014, HL7 Version 3 Standard: hData Record Format, Release 1 (new standard)
PINS Date: Aug 23, 2013 Public Review Start: Apr 11, 2014 Approval Date: Jun 9, 2014

PINS Date: Public Review Start: Mar 22, 2019 Approval Date: Jun 7, 2019

PINS Date: Public Review Start: May 31, 2019 Approval Date: Jul 31, 2019

ANSI/HL7 vMR CDSLM, R2-2018, HL7 Virtual Medical Record for Clinical Decision Support (vMR-CDS) Logical Models, Release 2 (new standard)
PINS Date: Jan 19, 2018 Public Review Start: Jul 13, 2018 Approval Date: Sep 6, 2018

PINS Date: Nov 29, 2013 Public Review Start: Dec 28, 2018 Approval Date: Feb 22, 2019

ANSI/HL7CDAR2 IG TRAUMAREG, R2-2019, HL7(R) CDA(R) R2 Implementation Guide: Trauma Registry Data Submission, Release 2 - US Realm (revision and redesignation of ANSI/HL7 CDAR2 IG TRAUMAREG R1-2016)
PINS Date: Apr 6, 2018 Public Review Start: Nov 9, 2018 Approval Date: Jan 17, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/HL7V3IG SOA KM INFOBUTTON, R1-2013, HL7
Version 3 Implementation Guide: Context-Aware
Knowledge Retrieval (Infobutton) - Service-Oriented
PINS Date: Mar 29, 2013
Public Review Start: Jun 7, 2013
Approval Date: Aug 6, 2013

PINS Date: Oct 21, 2011
Public Review Start: Jun 12, 2013

ANSI/ICC 700-2020, National Green Building Standard
(revision of ANSI/ICC/ASHRAE 700-2015)
PINS Date: Oct 6, 2017
Public Review Start: Jul 19, 2019
Approval Date: Jan 6, 2020

PINS Date: Public Review Start: Dec 19, 2014
Approval Date: Mar 12, 2015

PINS Date: Mar 4, 2011
Public Review Start: Jan 18, 2013
Approval Date: May 6, 2013

ANSI N13.14-2018, Bioassay Programs for Tritium (new standard)
PINS Date: Jan 7, 2011
Public Review Start: Sep 29, 2017
Approval Date: Sep 11, 2018

ANSI N13.22-2013, Bioassay Program for Uranium (new standard)
PINS Date: Apr 12, 2013
Public Review Start: Aug 9, 2013
Approval Date: Sep 30, 2013

ANSI N13.3-2013 (R2019), Dosimetry for Criticality Accidents (reaffirmation of ANSI N13.3-2013)
PINS Date: Public Review Start: Apr 5, 2019
Approval Date: Jun 28, 2019

PINS Date: Public Review Start: Jan 27, 2017
Approval Date: Jun 14, 2017

PINS Date: Oct 20, 2017
Public Review Start: Jun 8, 2018
Approval Date: Jul 27, 2018
<table>
<thead>
<tr>
<th>ANSI Standard</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI N13.41-2011 (R2018), Criteria For Performing Multiple Dosimetry</td>
<td>(reaffirmation of ANSI N13.41-2011)</td>
<td>Public Review Start: Nov 24, 2017</td>
<td>Approval Date: Jan 24, 2018</td>
<td></td>
</tr>
</tbody>
</table>
**ANSI N2.1-2011 (R2016)**, *Radiation Symbol* (reaffirmation of ANSI N2.1-2011)
PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Jan 11, 2017

**HPS (ASC N43) (Health Physics Society )**
www.hps.org

**ANSI N43.1-2011**, *Radiation Safety for the Design and Operation of Particle Accelerators* (new standard)

**ANSI N43.10-2019**, *Safe Design and Use of Panoramic, Dry Source Storages (Category II), Self-Contained Wet Source Storage (Category III), and Panoramic, Wet Source Storage (Category IV) Gamma Irradiators* (revision of ANSI N43.10-2001 (R2010))
PINS Date: Mar 22, 2019 Public Review Start: Aug 9, 2019 Approval Date: Sep 26, 2019

**ANSI N43.14-2011 (R2016)**, *Radiation Safety for Active Interrogation Systems for Security Screening of Cargo, Energies up to 100 MeV* (reaffirmation of ANSI N43.14-2011)
PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Oct 11, 2016

PINS Date: Public Review Start: May 11, 2018 Approval Date: Jul 24, 2018

**ANSI N43.2-2001 (R2010)**, *Radiation Safety for X-ray Diffraction and Fluorescence Analysis Equipment* (reaffirmation of ANSI N43.2-2001)
PINS Date: Public Review Start: Mar 20, 2009 Approval Date: Jan 4, 2010

**ANSI N43.3-2008 (R2018)**, *For General Radiation Safety--Installations Using Non-Medical X-ray and Sealed Gamma-Ray Sources, Energies Up to 10 MeV* (reaffirmation of ANSI N43.3-2008)
PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Dec 12, 2017

**ANSI N43.4-2013**, *Classification of Radioactive Self-Luminous Light Sources* (new standard)
PINS Date: May 4, 2012 Public Review Start: Apr 12, 2013 Approval Date: Jul 8, 2013

**ANSI N43.5-2013**, *Radiological Safety Standard for the Design of Radiographic and Radioscopic Non-Medical X-Ray Equipment Below 1 MeV* (new standard)
PINS Date: May 4, 2012 Public Review Start: Apr 12, 2013 Approval Date: Jul 8, 2013

**ANSI N43.6-2007 (R2013)**, *Sealed Radioactive Sources--Classification* (reaffirmation of ANSI N43.6-2007)
PINS Date: Public Review Start: Jul 5, 2013 Approval Date: Sep 23, 2013

**ANSI N43.7-2018**, *Safe Design and Use of Self-Contained, Dry Source Storage Irradiators (Category I)* (new standard)
PINS Date: Jan 26, 2018 Public Review Start: May 11, 2018 Approval Date: Jul 24, 2018

**ANSI N43.8-2008 (R2013)**, *Classification of Industrial Ionizing Radiation Gauging Devices* (reaffirmation of ANSI N43.8-2008)
PINS Date: Public Review Start: Jul 5, 2013 Approval Date: Sep 23, 2013

PINS Date: Jun 20, 2008 Public Review Start: Feb 27, 2015 Approval Date: Apr 17, 2015
Approved American National Standards

HPVA (Hardwood Plywood Veneer Association)
www.DecorativeHardwoods.org

PINS Date: Feb 4, 2011
Approval Date: Oct 25, 2012

ANSI/HPVA HP-1-2016, Standard for Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2009)
PINS Date: Sep 19, 2014
Public Review Start: Nov 20, 2015
Approval Date: Jan 12, 2016

ANSI/HPVA LTDD 1.0-2015, Standard for Due Diligence in Procuring/Sourcing Legal Timber (new standard)
PINS Date: Sep 28, 2012
Public Review Start: May 10, 2013
Approval Date: Feb 24, 2015

IACET (International Association for Continuing Education and Training)
www.iacet.org

PINS Date: Feb 10, 2017
Public Review Start: Jun 23, 2017
Approval Date: Nov 3, 2017

IAPMO (International Association of Plumbing & Mechanical Officials)
www.iapmo.org

PINS Date: Jan 27, 2017
Public Review Start: May 12, 2017
Approval Date: Jul 18, 2017

ANSI/IAPMO UMC 1-2021, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2018)
PINS Date: Oct 13, 2017
Public Review Start: Sep 6, 2019
Approval Date: Nov 14, 2019

ANSI/IAPMO UPC 1-2021, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2018)
PINS Date: Oct 13, 2017
Public Review Start: Sep 6, 2019
Approval Date: Nov 14, 2019

PINS Date: Apr 15, 2016
Public Review Start: Apr 6, 2018
Approval Date: Jul 27, 2018

PINS Date: Apr 15, 2016
Public Review Start: Apr 6, 2018
Approval Date: Jul 26, 2018

ANSI/IAPMO Z1002-2014, Rainwater Harvesting Tanks (new standard)
PINS Date: May 11, 2012
Public Review Start: May 30, 2014
Approval Date: Oct 30, 2014

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)
www.asse-plumbing.org

ANSI/ASSE 1001-2017, Performance Requirements for Atmospheric Type Vacuum Breakers (revision of ANSI/ASSE 1001-2008)
PINS Date: Sep 26, 2014
Public Review Start: Nov 18, 2016
Approval Date: Apr 25, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Revised From</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ASSE 1020-2020</td>
<td>Performance Requirements for Pressure Vacuum Breaker Assembly (new standard)</td>
<td></td>
<td>Apr 10, 2015</td>
<td>Jul 26, 2019</td>
<td>Feb 7, 2020</td>
</tr>
</tbody>
</table>
ANSI/ASSE 1022-2017, Performance Requirements for Backflow Preventers for Beverage Dispensing Equipment (new standard)
PIMS Date: Mar 7, 2008
Public Review Start: Apr 21, 2017
Approval Date: Jun 15, 2017

ANSI/ASSE 1023-2019, Performance Requirements for Electrically Heated or Cooled Water Dispensers (new standard)
PIMS Date: Nov 4, 2016
Public Review Start: May 24, 2019
Approval Date: Jul 15, 2019

ANSI/ASSE 1024-2017, Performance Requirements for Dual Check Backflow Preventers (new standard)
PIMS Date: Apr 10, 2015
Public Review Start: Oct 27, 2017
Approval Date: Jan 24, 2018

ANSI/ASSE 1030-2016, Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems (revision of ANSI/ASSE 1030-2013)
PIMS Date: Sep 4, 2015
Public Review Start: Apr 15, 2016
Approval Date: Aug 17, 2016

ANSI/ASSE 1032-2011, Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type (new standard)
PIMS Date: Aug 13, 2004
Public Review Start: Jun 17, 2011
Approval Date: Aug 9, 2011

ANSI/ASSE 1035-2008, Performance Requirements for Laboratory Faucet Backflow Preventers (revision of ANSI/ASSE 1035-2002)
PIMS Date: Oct 27, 2006
Public Review Start: Apr 25, 2008
Approval Date: Sep 17, 2009

PIMS Date:
Public Review Start: Feb 28, 2020
Approval Date: Apr 14, 2020

ANSI/ASSE 1044-2015 (R2020), Performance Requirements for Trap Seal Primer - Drainage Types and Electric Design Types (reaffirmation of ANSI/ASSE 1044-2015)
PIMS Date: Oct 18, 2019
Public Review Start: Feb 28, 2020
Approval Date: Apr 14, 2020

ANSI/ASSE 1047-2011, Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies (revision of ANSI/ASSE 1047-2010)
PIMS Date: May 6, 2011
Public Review Start: Jun 17, 2011
Approval Date: Aug 17, 2011

ANSI/ASSE 1048-2011, Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies (revision of ANSI/ASSE 1048-2010)
PIMS Date: May 6, 2011
Public Review Start: Jun 17, 2011
Approval Date: Aug 17, 2011

ANSI/ASSE 1049-2010, Performance Requirements for Individual and Branch Type Air Admittance Valves (AAV's) for Chemical Waste Systems (new standard)
PIMS Date: Jun 19, 2009
Public Review Start: Sep 4, 2009
Approval Date: Jan 4, 2010

ANSI/ASSE 1050-2010, Performance Requirements for Stack Air Admittance Valves (AAV's) for Sanitary Drainage Systems (new standard)
PIMS Date: Jun 19, 2009
Public Review Start: Sep 4, 2009
Approval Date: Jan 4, 2010
ANSI/ASSE 1051-2010, *Performance Requirements for Individual and Branch Type Air Admittance Valves (AAV's) for Sanitary Drainage Systems* (new standard)
PINS Date: Jun 19, 2009
Public Review Start: Jul 17, 2009
Approval Date: Jan 4, 2010

ANSI/ASSE 1052-2016, *Performance Requirements for Hose Connection Backflow Preventers* (new standard)
PINS Date: Dec 26, 2014
Public Review Start: Apr 22, 2016
Approval Date: Aug 17, 2016

ANSI/ASSE 1053-2019, *Performance Requirements for Dual Check Backflow Preventer Wall Hydrants - Freeze Resistant Types* (new standard)
PINS Date: May 18, 2018
Public Review Start: Mar 8, 2019
Approval Date: Apr 26, 2019

PINS Date: Apr 27, 2018
Public Review Start: Jul 27, 2018
Approval Date: Oct 29, 2018

ANSI/ASSE 1056-2013, *Performance Requirements for Spill Resistant Vacuum Breaker Assemblies* (new standard)
PINS Date: May 20, 2005
Public Review Start: May 24, 2013
Approval Date: Aug 8, 2013

ANSI/ASSE 1057-2012, *Performance Requirements for Freeze Resistant Sanitary Yard Hydrants with Backflow Protection* (new standard)
PINS Date: Mar 12, 1999
Public Review Start: Jun 29, 2012
Approval Date: Aug 22, 2012

PINS Date: Feb 11, 2011
Approval Date: Feb 28, 2017

PINS Date: Aug 1, 2014
Public Review Start: Apr 24, 2015
Approval Date: Jun 17, 2015

PINS Date: Mar 27, 2015
Public Review Start: Jul 14, 2017
Approval Date: Sep 15, 2017

PINS Date: Apr 3, 2015
Public Review Start: May 13, 2016
Approval Date: Aug 17, 2016

PINS Date: May 20, 2011
Public Review Start: Jun 17, 2011
Approval Date: Aug 17, 2011

PINS Date: Apr 10, 2015
Public Review Start: Jul 26, 2019
Approval Date: Feb 7, 2020

PINS Date: Apr 3, 2015
Public Review Start: Sep 4, 2015
Approval Date: Oct 30, 2015

PINS Date: Apr 29, 2011
Approval Date: Oct 22, 2012
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ASSE 1079-2012, Performance Requirements for Dielectric Pipe Unions (new standard)
PINS Date: Aug 13, 2004
Public Review Start: Jun 29, 2012
Approval Date: Aug 22, 2012

PINS Date: Oct 18, 2019
Public Review Start: Feb 28, 2020
Approval Date: Apr 14, 2020

PINS Date: Nov 20, 2015
Public Review Start: Jul 27, 2018
Approval Date: Oct 10, 2018

ANSI/ASSE 1084-2018, Performance Requirements for Water Heaters with Temperature Limiting Capacity (new standard)
PINS Date: Apr 21, 2017
Public Review Start: Nov 30, 2018
Approval Date: Feb 1, 2019

ANSI/ASSE 1085-2018, Performance Requirements for Water Heaters used as Temperature Control Devices for Emergency Equipment (new standard)
PINS Date: Nov 25, 2016
Public Review Start: Aug 31, 2018
Approval Date: Oct 10, 2018

ANSI/ASSE 1086-2020, Reverse Osmosis Water Efficiency - Drinking Water (new standard)
PINS Date: May 20, 2016
Public Review Start: Dec 20, 2019
Approval Date: Apr 30, 2020

ANSI/ASSE 1087-2018, Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water (new standard)
PINS Date: Jun 3, 2016
Public Review Start: Jul 27, 2018
Approval Date: Oct 29, 2018

PINS Date: Mar 9, 2018
Public Review Start: May 31, 2019
Approval Date: Jul 19, 2019

PINS Date: Dec 4, 2015
Public Review Start: Feb 14, 2020
Approval Date: Apr 23, 2020

PINS Date:
Public Review Start: Jul 3, 2015
Approval Date: Sep 4, 2015

PINS Date: May 18, 2018
Public Review Start: Sep 7, 2018
Approval Date: Oct 31, 2018

ANSI/ASSE Series 13000-2015, Service Plumber and Residential Mechanical Service Technician Professional Qualifications Standard (new standard)
PINS Date: Feb 26, 2010
Public Review Start: Dec 19, 2014
Approval Date: Feb 11, 2015
<table>
<thead>
<tr>
<th>ANSI/ASSE Series</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:       Jun 3, 2016
Public Review Start:  Nov 2, 2018
Approval Date:     Mar 28, 2019

PINS Date:       Apr 1, 2016
Approval Date:     Jan 10, 2017

PINS Date:       Oct 13, 2017
Public Review Start:  Mar 9, 2018
Approval Date:     May 18, 2018

PINS Date:       Dec 7, 2018
Public Review Start:  Jul 19, 2019
Approval Date:     Nov 6, 2019
ISO Adoption

PINS Date:       
Public Review Start:  Nov 2, 2018
Approval Date:     Apr 9, 2019

PINS Date:       Apr 18, 2014
Public Review Start:  Jan 23, 2015
Approval Date:     Jun 17, 2015

PINS Date:       Feb 2, 2018
Public Review Start:  May 3, 2019
Approval Date:     Jul 15, 2019

PINS Date:       Feb 12, 2016
Public Review Start:  Apr 1, 2016
Approval Date:     Jun 30, 2016

PINS Date:       Oct 17, 2014
Public Review Start:  Mar 13, 2015
Approval Date:     May 8, 2015

PINS Date:       Jun 2, 2017
Public Review Start:  Feb 15, 2019
Approval Date:     May 24, 2019

PINS Date:       
Public Review Start:  Sep 6, 2019
Approval Date:     Feb 24, 2020

PINS Date:       
Public Review Start:  Nov 2, 2018
Approval Date:     Jan 18, 2019

PINS Date:       
Public Review Start:  Nov 2, 2018
Approval Date:     Jan 18, 2019

PINS Date:       
Public Review Start:  Nov 2, 2018
Approval Date:     Jan 18, 2019
ANSI/IAPMO Z600/CSA B125.5-2011 (R2017), Flexible water connectors with excess flow shut-off devices (reaffirmation of ANSI/IAPMO Z600/CSA B125.5-2011)
PINS Date: Jun 3, 2016
Public Review Start: Sep 30, 2016
Approval Date: Jan 10, 2017

ANSI/IAPMO Z601-2018, Scale Reduction Devices (new standard)
PINS Date: Aug 17, 2007
Public Review Start: Dec 29, 2017
Approval Date: Jul 11, 2018

ANSI/ASABE/ICC 802-2014, Standard for Turfgrass and Landscape Irrigation Sprinklers and Emitters (new standard)
PINS Date: May 28, 2010
Public Review Start: May 16, 2014
Approval Date: Aug 5, 2014

PINS Date: Apr 1, 2011
Public Review Start: Dec 29, 2017
Approval Date: Aug 17, 2018

PINS Date: Sep 16, 2016
Public Review Start: Aug 16, 2019
Approval Date: Oct 10, 2019

PINS Date: Sep 15, 2017
Public Review Start: Oct 20, 2017
Approval Date: Dec 14, 2017

PINS Date: Oct 2, 2015
Public Review Start: Sep 29, 2017
Approval Date: Nov 16, 2017

PINS Date: Sep 2, 2011
Public Review Start: Aug 1, 2014
Approval Date: Oct 7, 2014

PINS Date: Sep 2, 2011
Public Review Start: Feb 7, 2014
Approval Date: Aug 15, 2014

PINS Date: Jun 22, 2012
Public Review Start: Nov 14, 2014
Approval Date: Apr 30, 2015

ANSI/ICC 901/SRCC 100-2015, Standard for Solar Thermal Collectors (new standard)
PINS Date: Jun 22, 2012
Public Review Start: Nov 14, 2014
Approval Date: Apr 15, 2015

PINS Date: Apr 17, 2015
Public Review Start: Jul 28, 2017
Approval Date: Oct 30, 2017

PINS Date: Jul 29, 2011
Approval Date: Mar 28, 2017

ICC (International Code Council)
www.iccsafe.org
ICE (Institute for Credentialing Excellence)
www.credentialingexcellence.org

PINS Date: Dec 15, 2017
Public Review Start: Jan 4, 2019
Approval Date: Apr 9, 2019

IEEE (Institute of Electrical and Electronics Engineers)
www.ieee.org

PINS Date:
Public Review Start: Jul 16, 2010
Approval Date: Jan 14, 2011

PINS Date:
Public Review Start: Jul 16, 2010
Approval Date: Jan 14, 2011

PINS Date:
Public Review Start: Feb 5, 2010
Approval Date: Jun 30, 2010

PINS Date:
Public Review Start: Feb 25, 2011
Approval Date: Jun 28, 2011

ANSI/IEEE 1012-2016, Standard for System, Software and Hardware Verification and Validation (new standard)
PINS Date:
Public Review Start: Dec 2, 2016
Approval Date: Dec 4, 2017

PINS Date: Mar 19, 2010
Public Review Start: Sep 27, 2013
Approval Date: Jul 21, 2015

ANSI/IEEE 1018-2013, Recommended Practice for Specifying Electric Submersible Pump Cable--Ethylene-Propylene Rubber Insulation (new standard)
PINS Date:
Public Review Start: Sep 27, 2013
Approval Date: Jul 29, 2015

ANSI/IEEE 1019-2013, Recommended Practice for Specifying Electric Submersible Pump Cable--Polypropylene Insulation (new standard)
PINS Date:
Public Review Start: Sep 27, 2013
Approval Date: Jul 27, 2015

PINS Date:
Public Review Start: Feb 25, 2011
Approval Date: Jun 28, 2011

PINS Date:
Public Review Start: May 20, 2011
Approval Date: Apr 16, 2012
PINS Date: May 5, 2006
Public Review Start: Jul 8, 2011
Approval Date: Jul 25, 2012

PINS Date: Jul 15, 2005
Public Review Start: Jan 22, 2010
Approval Date: Jun 30, 2010

ANSI/IEEE 1048-2016, Guide for Protective Grounding of Power Lines (new standard)
PINS Date: Dec 30, 2005
Approval Date: Aug 31, 2017

ANSI/IEEE 1062-2015, Recommended Practice for Software Acquisition (new standard)
PINS Date: Jun 13, 2008
Public Review Start: May 27, 2016
Approval Date: May 22, 2017

ANSI/IEEE 1067-2012, Guide for In-Service Use, Care, Maintenance, and Testing of Conductive Clothing for Use on Voltages up to 765 kV ac and ±750 kV dc (revision of ANSI/IEEE 1067-2005)
PINS Date: Feb 20, 2009
Public Review Start: Jul 12, 2013
Approval Date: Oct 7, 2014

PINS Date: May 27, 2016
Approval Date: May 22, 2017

PINS Date:
Public Review Start: Nov 26, 2010
Approval Date: Aug 11, 2011

PINS Date: Apr 12, 2013
Public Review Start: Apr 8, 2016
Approval Date: Apr 6, 2017

ANSI/IEEE 11073-10102-2012, Health informatics - Point-of-care medical device communication - Part 10102: Nomenclature - Annotated ECG (new standard)
PINS Date:
Public Review Start: Jul 5, 2013
Approval Date: Sep 30, 2014

ANSI/IEEE 11073-10406-2011, Health Informatics - Personal Health Device Communication - Device Specialization - Basic Electrocardiograph (ECG) (1 to 3-lead ECG) (new standard)
PINS Date: Feb 6, 2009
Public Review Start: Mar 9, 2012
Approval Date: Dec 12, 2012

ANSI/IEEE 11073-10417-2015, Health informatics - Personal health device communication - Part 10417: Device Specialization - Glucose Meter (new standard)
PINS Date: Jan 5, 2007
Approval Date: Aug 25, 2016

PINS Date: Feb 6, 2009
Public Review Start: Mar 9, 2012
Approval Date: Dec 12, 2012
ANSI/IEEE 1143-2012, Guide on Shielding Practice for Low Voltage Cables (new standard)
PINS Date: May 5, 2006
Public Review Start: Jul 12, 2013
Approval Date: Oct 27, 2014

PINS Date: Nov 14, 2008
Public Review Start: Jul 12, 2013
Approval Date: Nov 3, 2014

PINS Date: Nov 8, 2013
Public Review Start: Nov 3, 2017
Approval Date: Nov 26, 2018

ANSI/IEEE 1149.4-2010, Standard for a Mixed-Signal Test Bus (new standard)
PINS Date: Feb 8, 2002
Public Review Start: Mar 4, 2011
Approval Date: Jun 17, 2011

ANSI/IEEE 1149.6-2015, Standard for Boundary-Scan Testing of Advanced Digital Networks (new standard)
PINS Date: Oct 30, 2009
Public Review Start: May 27, 2016
Approval Date: May 4, 2017

ANSI/IEEE 1149.7-2009, Standard for Reduced-pin and Enhanced-functionality Test Access Port and Boundary Scan Architecture (new standard)
PINS Date: May 5, 2006
Public Review Start: Jan 22, 2010
Approval Date: May 26, 2010

PINS Date: Mar 18, 2005
Public Review Start: Feb 5, 2010
Approval Date: Jun 25, 2010

PINS Date: Jan 5, 2007
Public Review Start: Sep 2, 2016
Approval Date: May 22, 2017

ANSI/IEEE 1175.2-2006 (R2011), Recommended Practice for CASE Tool Interconnection - Characterization of Interconnections (reaffirmation of ANSI/IEEE 1175.2-2006)
PINS Date: Public Review Start: Mar 9, 2012
Approval Date: Dec 3, 2012

PINS Date: Nov 15, 2002
Public Review Start: Nov 26, 2010
Approval Date: Jun 10, 2011

PINS Date: Public Review Start: Feb 25, 2011
Approval Date: Aug 19, 2011

PINS Date:
Public Review Start: Jul 12, 2013
Approval Date: Oct 28, 2014

PINS Date: Jan 22, 2010
Public Review Start: Jul 22, 2011
Approval Date: Apr 16, 2012
<table>
<thead>
<tr>
<th>ANSI/IEEE Standard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Review Start: Feb 5, 2010</td>
<td></td>
</tr>
<tr>
<td>Approval Date: May 27, 2010</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Dec 10, 2004</td>
<td></td>
</tr>
<tr>
<td>Public Review Start: May 20, 2011</td>
<td></td>
</tr>
<tr>
<td>Approval Date: May 23, 2012</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Jul 23, 2010</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jan 14, 2011</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Apr 23, 2010</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Oct 6, 2010</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Dec 30, 2005</td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Mar 4, 2011</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Sep 2, 2011</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Feb 5, 2010</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jun 28, 2010</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Oct 23, 2009</td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Jul 16, 2010</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jan 4, 2011</td>
<td></td>
</tr>
<tr>
<td>ANSI/IEEE 1242-2016</td>
<td>Guide for Specifying and Selecting Power, Control, and Special-Purpose Cable for Petroleum and Chemical Plants (new standard)</td>
</tr>
<tr>
<td>PINS Date: Jan 21, 2011</td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Mar 24, 2017</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Feb 27, 2018</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Mar 23, 2007</td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Mar 9, 2012</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jan 14, 2013</td>
<td></td>
</tr>
<tr>
<td>PINS Date: May 5, 2006</td>
<td></td>
</tr>
<tr>
<td>Public Review Start: May 20, 2011</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Jul 25, 2012</td>
<td></td>
</tr>
<tr>
<td>PINS Date: Nov 2, 2012</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Aug 25, 2016</td>
<td></td>
</tr>
<tr>
<td>ANSI/IEEE 1277-2010</td>
<td>Standard General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors for DC Power Transmission (new standard)</td>
</tr>
<tr>
<td>PINS Date: Nov 25, 2005</td>
<td></td>
</tr>
<tr>
<td>Public Review Start: Apr 23, 2010</td>
<td></td>
</tr>
<tr>
<td>Approval Date: Aug 5, 2010</td>
<td></td>
</tr>
</tbody>
</table>
ANSI/IEEE 1278.3-1996 (R2010), Recommended Practice for Distributed Interactive Simulation - Exercise Management and Feedback (reaffirmation of ANSI/IEEE 1278.3-1996 (R2002))
PINS Date: May 5, 2006
Public Review Start: Jul 23, 2010
Approval Date: Jan 14, 2011

ANSI/IEEE 1278.4-2002 (R2010), Recommended Practice for Distributed Interactive Simulation - Verification, Validation, and Accreditation (reaffirmation of ANSI/IEEE 1278.4-2002)
PINS Date: Jun 13, 2008
Public Review Start: Jul 12, 2013
Approval Date: Oct 28, 2014

PINS Date: Mar 9, 2012
Public Review Start: Nov 26, 2010
Approval Date: Dec 3, 2012

PINS Date: Mar 23, 2007
Public Review Start: Nov 26, 2010
Approval Date: Jul 19, 2011

ANSI/IEEE 1303-2011, Guide for Static Var Compensator Field Tests (new standard)
PINS Date: Jul 1, 2010
Public Review Start: Mar 9, 2012
Approval Date: Oct 17, 2012

PINS Date: Oct 23, 2009
Public Review Start: Apr 23, 2010
Approval Date: Sep 20, 2010
PINS Date: 
Public Review Start: Nov 26, 2010 
Approval Date: Aug 15, 2011

PINS Date: 
Public Review Start: Apr 23, 2010 
Approval Date: Aug 19, 2010

PINS Date: 
Public Review Start: Feb 5, 2010 
Approval Date: May 21, 2010

PINS Date: Jul 17, 2009 
Public Review Start: Jul 16, 2010 
Approval Date: Mar 21, 2011
ISO JTC 1 Adoption

ANSI/IEEE 1450.6-2005 (R2011), Standard Test Interface Language (STIL) for Digital Test Vector Data--Core Test Language (CTL) (reaffirmation of ANSI/IEEE 1450.6-2005)
PINS Date: 
Public Review Start: Jul 22, 2011 
Approval Date: Jul 26, 2012

ANSI/IEEE 1445-2010, Standard Test Interface Language (STIL) for Digital Test Vector Data (new standard)
PINS Date: Dec 10, 2004 
Public Review Start: Jul 22, 2011 
Approval Date: Jul 25, 2012

PINS Date: 
Public Review Start: Jul 22, 2011 
Approval Date: Jul 25, 2012

ANSI/IEEE 1450.6-2005 (R2011), Standard Test Interface Language (STIL) for Digital Test Vector Data--Core Test Language (CTL) (reaffirmation of ANSI/IEEE 1450.6-2005)
PINS Date: 
Public Review Start: Jul 22, 2011 
Approval Date: Jul 26, 2012

PINS Date: Nov 15, 2013 
Approval Date: Dec 16, 2016

ANSI/IEEE 1458-2010, Recommended Practice for the Selection, Application, Field Testing, and Life Expectancy of Molded Case Circuit Breakers for Industrial Applications (new standard)
PINS Date: Apr 26, 1996 
Public Review Start: Feb 25, 2011 
Approval Date: Jul 25, 2011

ANSI/IEEE 1473-2010, Standard for Communications Protocol Aboard Passenger Trains (new standard)
PINS Date: Dec 10, 2004 
Public Review Start: Mar 4, 2011 
Approval Date: Aug 8, 2011

ANSI/IEEE 1474.4-2011, Recommended Practice for Functional Testing of a Communications-Based Train Control (CBTC) System (new standard)
PINS Date: May 1, 2009 
Public Review Start: Mar 9, 2012 
Approval Date: Jul 18, 2012

PINS Date: Mar 4, 2011 
Public Review Start: Jul 12, 2013 
Approval Date: Oct 6, 2014

PINS Date: Sep 19, 2003
Public Review Start: May 5, 2006
Approval Date: Sep 20, 2006

ISO JTC 1 Adoption


PINS Date: Aug 30, 2002
Public Review Start: Feb 5, 2010
Approval Date: May 21, 2010


PINS Date: Aug 30, 2002
Public Review Start: Feb 5, 2010
Approval Date: May 21, 2010


PINS Date: Aug 30, 2002
Public Review Start: Feb 5, 2010
Approval Date: May 21, 2010


PINS Date:
Public Review Start: Nov 26, 2010
Approval Date: Jun 10, 2011


PINS Date: May 23, 2008
Public Review Start: Jul 8, 2011
Approval Date: Jul 24, 2012

ANSI/IEEE 1484.13.4-2016, Recommended Practice for Learning Technology--IMS Content Packaging Information Model (CP) Version 1.2--Mapping to the Conceptual Model for Resource Aggregation (new standard)

PINS Date: Dec 2, 2016
Public Review Start: Dec 2, 2016
Approval Date: Nov 14, 2017


PINS Date: Oct 23, 2009
Approval Date: Aug 5, 2016


PINS Date: Jul 17, 2009
Public Review Start: Mar 9, 2012
Approval Date: Jan 15, 2013


PINS Date:
Public Review Start: Jul 23, 2010
Approval Date: Mar 18, 2011


PINS Date:
Public Review Start: May 20, 2011
Approval Date: Apr 16, 2012


PINS Date:
Public Review Start: Jul 8, 2011
Approval Date: Aug 1, 2012


PINS Date:
Public Review Start: Mar 9, 2012
Approval Date: Jan 24, 2013

ISO JTC 1 Adoption


PINS Date:
Public Review Start: Nov 26, 2010
Approval Date: Jul 15, 2011
PINS Date: 
Public Review Start: Feb 25, 2011
Approval Date: Jul 25, 2011

ANSI/IEEE 1511.1-2010, Guide for Investigating and Analyzing Shielded Power Cable Failures on Systems Rated 5 kV Through 46 kV (new standard)
PINS Date: 
Public Review Start: Mar 4, 2011
Approval Date: Aug 30, 2011

PINS Date: Apr 15, 2005
Public Review Start: Apr 23, 2010
Approval Date: Sep 13, 2010

PINS Date: Apr 15, 2005
Public Review Start: Apr 23, 2010
Approval Date: Sep 13, 2010

PINS Date: Apr 15, 2005
Public Review Start: Apr 23, 2010
Approval Date: Aug 6, 2010

PINS Date: Jul 17, 2009
Public Review Start: Jul 16, 2010
Approval Date: Apr 25, 2011

ANSI/IEEE 1521-2010, Standard for Measurement of Video Jitter and Wander (new standard)
PINS Date: 
Public Review Start: Apr 23, 2010
Approval Date: Aug 19, 2010

PINS Date: 
Public Review Start: Feb 5, 2010
Approval Date: Jun 24, 2010

PINS Date: Nov 15, 2013
Approval Date: Sep 9, 2016

PINS Date: Nov 8, 2013
Approval Date: Sep 9, 2016

PINS Date: 
Public Review Start: Jul 22, 2011
Approval Date: Jul 25, 2012

PINS Date: Sep 27, 2013
Approval Date: Sep 7, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>Approval Date</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Date</td>
<td>Start Date</td>
<td>Approval Date</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>--------------------------</td>
<td>------------------</td>
<td>-------------------</td>
<td></td>
</tr>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Date</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------------------------------------------------------------------------------------</td>
<td>------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/IEEE 1653.4-2011</td>
<td>Standard for dc Traction Power System Field Testing and Acceptance Criteria for System Applications up to 1500 Volts dc Nominal (new standard)</td>
<td>Apr 9, 2004</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Nov 11, 2016
Public Review Start: Apr 13, 2018
Approval Date: Mar 22, 2019

PINS Date: Jul 15, 2005
Public Review Start: Feb 25, 2011
Approval Date: Aug 8, 2011

ANSI/IEEE 1671-2010, Standard for Automatic Test Markup Language (ATML) for Exchanging Automatic Test Equipment and Test Information via XML (new standard)
PINS Date: Aug 13, 2010
Public Review Start: Nov 26, 2010
Approval Date: Jul 19, 2011

ANSI/IEEE 1679-2010, Recommended Practice for the Characterization and Evaluation of Emerging Energy Storage Technologies in Stationary Applications (new standard)
PINS Date: Oct 7, 2005
Public Review Start: Jul 16, 2010
Approval Date: Mar 18, 2011

ANSI/IEEE 1671.2-2012, Standard for Automatic Test Markup Language (ATML) Instrument Description (new standard)
PINS Date: Jul 16, 2010
Public Review Start: Jul 12, 2013
Approval Date: Oct 6, 2014

PINS Date: Oct 23, 2009
Public Review Start: Jan 22, 2010
Approval Date: Apr 13, 2010

ANSI/IEEE 1671.5-2015, Standard for Automatic Test Markup Language (ATML) Test Adapter Description (new standard)
PINS Date: Jul 16, 2010
Approval Date: Aug 22, 2016

PINS Date: Mar 21, 2008
Public Review Start: Jan 22, 2010
Approval Date: Apr 22, 2010

ANSI/IEEE 1671.6-2015, Standard for Automatic Test Markup Language (ATML) Test Station Description (new standard)
PINS Date: Jul 16, 2010
Approval Date: Aug 22, 2016

ANSI/IEEE 1680.2-2012, Standard for Environmental Assessment of Imaging Equipment (new standard)
PINS Date: Oct 23, 2009
Public Review Start: Nov 2, 2012
Approval Date: Mar 28, 2016

ANSI/IEEE 1673-2015, Standard for Requirements for Conduit and Cable Seals for Field Connected Wiring to Equipment in Petroleum and Chemical Industry Exposed to Pressures above Atmospheric (1.5 kPa, 0.22 psi) (new standard)
PINS Date: Mar 19, 2010
Public Review Start: May 27, 2016
Approval Date: May 5, 2017

ANSI/IEEE 1680.3-2012, Standard for Environmental Assessment of Televisions (new standard)
PINS Date: Oct 23, 2009
Public Review Start: Nov 2, 2012
Approval Date: Mar 28, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/IEEE 1733-2011, Standard for Layer 3 Transport Protocol for Time Sensitive Applications in Local Area Networks (new standard)
PINS Date: Mar 21, 2008
Public Review Start: May 20, 2011
Approval Date: Mar 27, 2012

ANSI/IEEE 1734-2011, Standard for Quality of Electronic and Software Intellectual Property used in System and System on Chip (SoC) Designs (new standard)
PINS Date: May 23, 2008
Public Review Start: Mar 9, 2012
Approval Date: Jul 18, 2012

PINS Date: May 27, 2005
Public Review Start: Feb 25, 2011
Approval Date: Aug 31, 2011

PINS Date: Nov 16, 2012
Public Review Start: Sep 2, 2016
Approval Date: Sep 27, 2017

ANSI/IEEE 1785.2-2016, Standard for Rectangular Metallic Waveguides and Their Interfaces for Frequencies of 110 GHz and Above-- Part 2: Waveguide Interfaces (new standard)
PINS Date: Jul 18, 2008
Public Review Start: Mar 9, 2012
Approval Date: Jul 18, 2012

PINS Date: Jul 18, 2008
Public Review Start: Mar 9, 2012
Approval Date: Jul 18, 2012

ANSI/IEEE 1788-2015, Standard for Interval Arithmetic (new standard)
PINS Date: Jul 18, 2008
Approval Date: Aug 26, 2016

ANSI/IEEE 1789-2015, Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers (new standard)
PINS Date: Nov 14, 2008
Approval Date: Sep 7, 2016

ANSI/IEEE 1792-2017, Recommended Practice for Nuclear Power Generating Station Preferred Power Supply Reliability (new standard)
PINS Date: Aug 13, 2010
Public Review Start: Sep 8, 2017
Approval Date: Sep 13, 2018

PINS Date: Aug 13, 2010
Public Review Start: Jul 5, 2013
Approval Date: Oct 16, 2014

PINS Date: Mar 14, 2008
Public Review Start: Jul 12, 2013
Approval Date: Oct 21, 2014

PINS Date: Jul 16, 2010
Public Review Start: Jul 12, 2013
Approval Date: Oct 23, 2014

PINS Date: May 27, 2016
Approval Date: May 11, 2017
PINS Date: Oct 23, 2009
Public Review Start: Feb 25, 2011
Approval Date: Jun 28, 2011

PINS Date: Jul 16, 2010
Public Review Start: May 26, 2017
Approval Date: Apr 27, 2018

PINS Date: Jan 22, 2010
Public Review Start: Jul 16, 2010
Approval Date: Jun 4, 2011

PINS Date: Dec 17, 2010
Public Review Start: Jul 14, 2017
Approval Date: Aug 3, 2018

PINS Date: Mar 4, 2011
Public Review Start: May 27, 2016
Approval Date: May 5, 2017

PINS Date: Feb 24, 2012
Public Review Start: May 27, 2016
Approval Date: May 8, 2017

ANSI/IEEE 1816-2013, Guide for Preparation Techniques of Extruded Dielectric, Shielded Cables Rated 2.5 kV through 46 kV and the Installation of Mating Accessories (new standard)
PINS Date: Mar 26, 2010
Public Review Start: Sep 27, 2013
Approval Date: Jun 19, 2015

ANSI/IEEE 1816-2013, Guide for Preparation Techniques of Extruded Dielectric, Shielded Cables Rated 2.5 kV through 46 kV and the Installation of Mating Accessories (new standard)
PINS Date: Jul 31, 2015
Public Review Start: Feb 27, 2018

PINS Date: May 21, 2010
Public Review Start: Mar 24, 2017
Approval Date: Mar 23, 2018

PINS Date: Jun 6, 2008
Public Review Start: Apr 23, 2010
Approval Date: Aug 6, 2010

PINS Date: Jul 16, 2010
Approval Date: Aug 25, 2016

PINS Date: Mar 2, 2012
Approval Date: Jul 13, 2017

PINS Date: Jul 16, 2010
Public Review Start: May 26, 2017
Approval Date: Apr 27, 2018

PINS Date: Jan 22, 2010
Public Review Start: Jul 16, 2010
Approval Date: Jun 28, 2011

PINS Date: Dec 17, 2010
Public Review Start: Jul 14, 2017
Approval Date: Jun 28, 2011

PINS Date: Mar 2, 2012
Approval Date: Jul 13, 2017

PINS Date: Jun 6, 2008
Public Review Start: Apr 23, 2010
Approval Date: Aug 6, 2010

PINS Date: May 21, 2010
Public Review Start: Mar 24, 2017
Approval Date: Mar 23, 2018

PINS Date: Jun 6, 2008
Public Review Start: Apr 23, 2010
Approval Date: Aug 6, 2010

PINS Date: May 21, 2010
Public Review Start: Mar 24, 2017
Approval Date: Mar 23, 2018

ANSI/IEEE 1855-2016, Standard for Fuzzy Markup Language (new standard)
PINS Date: Jun 2, 2012
Approval Date: Jul 13, 2017

ANSI/IEEE 1855-2016, Standard for Fuzzy Markup Language (new standard)
PINS Date: Jun 2, 2012
Approval Date: Jul 13, 2017

ANSI/IEEE 1857-2013, Standard for Advanced Audio and Video Coding (new standard)
PINS Date: Jun 15, 2012
Public Review Start: Sep 27, 2013
Approval Date: Jul 21, 2015

ANSI/IEEE 1857-2013, Standard for Advanced Audio and Video Coding (new standard)
PINS Date: Jun 15, 2012
Public Review Start: Sep 27, 2013
Approval Date: Jul 21, 2015
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/IEEE 1888.4-2016</td>
<td>Standard for Green Smart Home and Residential Quarter Control Network Protocol</td>
<td>new standard</td>
<td>Apr 12, 2013</td>
<td>May 26, 2017</td>
<td>Apr 27, 2018</td>
</tr>
</tbody>
</table>
PINS Date: May 23, 2008
Public Review Start: Mar 9, 2012
Approval Date: Jan 11, 2013

PINS Date: Jan 21, 2011
Public Review Start: Sep 27, 2013
Approval Date: Jul 21, 2015

ANSI/IEEE 1906.1-2015, Recommended Practice for Nanoscale and Molecular Communication Framework (new standard)
PINS Date: Jun 24, 2011
Public Review Start: May 27, 2016
Approval Date: May 5, 2017

ANSI/IEEE 2030-2011, Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), and End-Use Applications and Loads (new standard)
PINS Date: May 1, 2009
Approval Date: Jan 24, 2013

ANSI/IEEE 2030.100-2017, Recommended Practice for Implementing an IEC 61850-Based Substation Communications, Protection, Monitoring, and Control System (new standard)
PINS Date: Jul 6, 2012
Public Review Start: Nov 3, 2017
Approval Date: Nov 29, 2018

PINS Date: Jan 21, 2011
Approval Date: Sep 7, 2016

PINS Date: Mar 4, 2011
Public Review Start: Dec 2, 2016
Approval Date: Nov 14, 2017

PINS Date: Nov 8, 2013
Public Review Start: Dec 2, 2016
Approval Date: Sep 20, 2017

ANSI/IEEE 2030.10-2017, Recommended Practice for Implementing an IEC 61850-Based Substation Communications, Protection, Monitoring, and Control System (new standard)
PINS Date: Jul 6, 2012
Public Review Start: Nov 3, 2017
Approval Date: Nov 29, 2018

PINS Date: Public Review Start: Jul 22, 2011
Approval Date: Jul 16, 2012
ISO JTC 1 Adoption

PINS Date: Nov 2, 2012
Approval Date: Sep 9, 2016

PINS Date: Nov 8, 2013
Public Review Start: Dec 2, 2016
Approval Date: Sep 1, 2017

PINS Date: Jan 17, 2014
Public Review Start: Jul 14, 2017
Approval Date: Jul 2, 2018
ANSI/IEEE 2404-2016, Standard for Power Plant De-Nitrogen Oxide (DeNOx) Plate-Type Catalyst (new standard)
PINS Date: Jan 17, 2014
Public Review Start: Dec 2, 2016
Approval Date: Sep 1, 2017

PINS Date: Mar 28, 2008
Public Review Start: Jul 8, 2011
Approval Date: Aug 1, 2012

PINS Date: Mar 4, 2011
Public Review Start: Sep 2, 2016
Approval Date: Sep 5, 2017

PINS Date: Nov 15, 2013
Public Review Start: Nov 3, 2017
Approval Date: Nov 26, 2018

PINS Date: Public Review Start: Apr 23, 2010
Approval Date: Oct 6, 2010

PINS Date: Sep 27, 2019
Public Review Start: Nov 29, 2019
Approval Date: Feb 13, 2020

PINS Date: Mar 23, 2007
Public Review Start: Jan 22, 2010
Approval Date: May 17, 2010

PINS Date: Mar 23, 2007
Public Review Start: Jan 22, 2010
Approval Date: May 21, 2010

PINS Date: Oct 23, 2009
Public Review Start: Jul 8, 2011
Approval Date: May 23, 2012

PINS Date: Oct 23, 2009
Public Review Start: Nov 26, 2010
Approval Date: Jul 21, 2011
ISO JTC 1 Adoption

PINS Date: Oct 23, 2009
Public Review Start: Nov 26, 2010
Approval Date: Jul 19, 2011
ISO JTC 1 Adoption

PINS Date: Sep 27, 2013
Approval Date: Sep 7, 2016

Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Mar 14, 2008
Public Review Start: Apr 23, 2010
Approval Date: Oct 21, 2010

PINS Date: Public Review Start: Jul 12, 2013
Approval Date: Mar 2, 2011

PINS Date: Jan 17, 2014
Public Review Start: Apr 13, 2018
Approval Date: Mar 19, 2019

PINS Date: Public Review Start: Jul 12, 2013
Approval Date: Oct 23, 2014

PINS Date: Oct 28, 2011
Public Review Start: Apr 8, 2016
Approval Date: Apr 10, 2017

PINS Date: Mar 26, 2010
Public Review Start: Mar 9, 2012
Approval Date: Jan 24, 2013

PINS Date: Public Review Start: Jul 16, 2010
Approval Date: Mar 2, 2011

PINS Date: Public Review Start: Jul 16, 2010
Approval Date: Jan 14, 2011

ANSI/IEEE 3001.11-2017, Recommended Practice for Application of controllers and automation to Industrial and Commercial Power Systems (new standard)
PINS Date: Jan 22, 2010
Public Review Start: Sep 8, 2017
Approval Date: Sep 13, 2018

ANSI/IEEE 3001.8-2013, Recommended Practice for the Instrumentation and Metering of Industrial and Commercial Power Systems (new standard)
PINS Date: Jul 18, 2008
Public Review Start: Jul 12, 2013
Approval Date: Oct 31, 2014

ANSI/IEEE 3004.1-2013, Recommended Practice for the Application of Instrument Transformers in Industrial and Commercial Power Systems (new standard)
PINS Date: Jul 18, 2008
Public Review Start: Jul 12, 2013
Approval Date: Oct 31, 2014

ANSI/IEEE 3004.8-2016, Recommended Practice for Motor Protection in Industrial and Commercial Power Systems (new standard)
PINS Date: Jan 21, 2011
Public Review Start: May 26, 2017
Approval Date: Apr 27, 2018

ANSI/IEEE 3006.2-2016, Recommended Practice for Evaluating the Reliability of Existing Industrial and Commercial Power Systems (new standard)
PINS Date: Jan 17, 2014
Public Review Start: Dec 2, 2016
Approval Date: Dec 6, 2017

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 536
ANSI/IEEE 3006.7-2013, Recommended Practice for Determining the Reliability of “24 x 7” Continuous Power Systems in Industrial and Commercial Facilities (new standard)
PINS Date: Jul 18, 2008
Public Review Start: Sep 27, 2013
Approval Date: Jul 22, 2015

ANSI/IEEE 3006.9-2013, Recommended Practice for Collecting Data for Use in Reliability, Availability, and Maintainability Assessments of Industrial and Commercial Power Systems (new standard)
PINS Date: Jul 18, 2008
Public Review Start: Sep 27, 2013
Approval Date: Jul 22, 2015

ANSI/IEEE 3007.1-2010, Recommended Practice for Operation and Management of Industrial and Commercial Power Systems (new standard)
PINS Date: Jul 18, 2008
Public Review Start: Feb 25, 2011
Approval Date: Aug 23, 2011

ANSI/IEEE 3007.2-2010, Recommended Practice for the Maintenance of Industrial and Commercial Power Systems (new standard)
PINS Date: Jul 18, 2008
Public Review Start: Nov 26, 2010
Approval Date: Aug 30, 2011

PINS Date: Mar 26, 2010
Public Review Start: Jul 12, 2013
Approval Date: Oct 31, 2014

ANSI/IEEE 3333.1-2015, Standard for Quality of Experience (QoE) and Visual-Comfort Assessments of Three-Dimensional (3D) Contents Based on Psychophysical Studies (new standard)
PINS Date: Feb 5, 2016
Approval Date: Aug 18, 2016

PINS Date: Jun 15, 2012
Public Review Start: May 26, 2017
Approval Date: Apr 27, 2018

PINS Date: Mar 19, 2010
Public Review Start: Nov 26, 2010
Approval Date: Jun 7, 2011

PINS Date: Jun 24, 2011
Approval Date: Sep 14, 2016

PINS Date: Nov 4, 2011
Public Review Start: Mar 24, 2017
Approval Date: Dec 18, 2017

ANSI/IEEE 4-2013, Standard for High-Voltage Testing Techniques (new standard)
PINS Date: Jan 22, 2010
Public Review Start: Sep 27, 2013
Approval Date: Aug 20, 2015

ANSI/IEEE 400.2-2013, Guide for Field Testing of Shielded Power Cable Systems Using Very Low Frequency (VLF) (Less than 1 Hz) (new standard)
PINS Date: Jul 17, 2009
Public Review Start: Sep 27, 2013
Approval Date: Jul 22, 2015

ANSI/IEEE 400.4-2015, Guide for Field Testing of Shielded Power Cable Systems Rated 5 kV and Above with Damped Alternating Current (DAC) Voltage (new standard)
PINS Date: May 21, 2010
Public Review Start: Apr 8, 2016
Approval Date: Apr 7, 2017
PINS Date: Feb 22, 2008
Public Review Start: Mar 9, 2012
Approval Date: Jan 22, 2013

ANSI/IEEE 421.3-2016, Standard for High-Potential Test Requirements for Excitation Systems for Synchronous Machines (new standard)
PINS Date: Jul 22, 2011
Approval Date: Aug 16, 2017

ANSI/IEEE 421.5-2016, Recommended Practice for Excitation System Models for Power System Stability Studies (new standard)
PINS Date: Feb 24, 2012
Public Review Start: Dec 2, 2016
Approval Date: Nov 2, 2017

ANSI/IEEE 421.6-2017, Recommended Practice for the Specification and Design of Field Discharge Equipment for Synchronous Machines (new standard)
PINS Date: Apr 12, 2013
Public Review Start: Sep 8, 2017
Approval Date: Aug 16, 2018

PINS Date: Feb 13, 2009
Public Review Start: Jul 5, 2013
Approval Date: Oct 27, 2014

PINS Date: Dec 17, 2010
Public Review Start: Jul 14, 2017
Approval Date: Jul 2, 2018

ANSI/IEEE 433-2009, Recommended Practice for Insulation Testing of AC Electric Machinery with High Voltage at Very Low Frequency (new standard)
PINS Date: Dec 30, 2005
Public Review Start: Feb 5, 2010
Approval Date: May 21, 2010

PINS Date: Feb 13, 2009
Public Review Start: Jul 12, 2013
Approval Date: Oct 29, 2014

ANSI/IEEE 45.1-2017, Recommended Practice for Electrical Installations on Shipboard--Design (new standard)
PINS Date: Feb 6, 2009
Public Review Start: Sep 8, 2017
Approval Date: Aug 16, 2018

ANSI/IEEE 45.2-2011, Recommended Practice for Electrical Installations on Shipboard - Controls and Automation (new standard)
PINS Date: Feb 6, 2009
Public Review Start: Mar 9, 2012
Approval Date: Dec 3, 2012

ANSI/IEEE 45.3-2015, Recommended Practice for Shipboard Electrical Installations - Systems Engineering (new standard)
PINS Date: Feb 6, 2009
Approval Date: Sep 12, 2016

ANSI/IEEE 45.6-2016, Recommended Practice for Electrical Installations on Shipboard--Electrical Testing (new standard)
PINS Date: Feb 6, 2009
Public Review Start: May 26, 2017
Approval Date: May 25, 2018

ANSI/IEEE 45.8-2016, Recommended Practice for Electrical Installations on Shipboard--Cable Systems (new standard)
PINS Date: Jan 22, 2010
Approval Date: Jul 13, 2017
ANSI/IEEE 450-2010, Recommended Practice for 
Maintenance, Testing, and Replacement of Vented Lead-
Acid Batteries for Stationary Applications (revision of 
ANSI/IEEE 450-2002)
PINS Date: Oct 7, 2005
Public Review Start: Mar 4, 2011
Approval Date: Sep 7, 2011

ANSI/IEEE 485-2010, Recommended Practice for Sizing 
Lead-Acid Batteries for Stationary Applications (revision of 
ANSI/IEEE 485-1997 (R2003))
PINS Date: Apr 16, 2004
Public Review Start: Nov 26, 2010
Approval Date: Sep 1, 2011

of Communications Facilities Serving Electric Supply 
Locations - General Considerations (revision of ANSI/IEEE 
487-2007)
PINS Date: Nov 15, 2013
Approval Date: Sep 13, 2016

ANSI/IEEE 487.4-2013, Standard for the Electrical 
Protection of Communication Facilities Serving Electric 
Supply Locations Through the Use of Neutralizing 
Transformers (new standard)
PINS Date: Feb 24, 2012
Public Review Start: Jul 12, 2013
Approval Date: Oct 7, 2014

ANSI/IEEE 487.5-2013, Standard for the Electrical 
Protection of Communication Facilities Serving Electric 
Supply Locations Through the Use of Isolation 
Transformers (new standard)
PINS Date: Feb 24, 2012
Public Review Start: Sep 27, 2013
Approval Date: Jun 17, 2015

ANSI/IEEE 488.2-1993 (R2010), Standard Codes, 
Formats, Protocols, and Common Commands for Use With 
Programmable Instrumentation (reaffirmation of ANSI/IEEE 
488.2-1993 (R2004))
PINS Date: 
Public Review Start: Jul 16, 2010
Approval Date: Jan 14, 2011

and Maintenance of Hydro-Generators (reaffirmation of 
ANSI/IEEE 492-1999 (R2005))
PINS Date: 
Public Review Start: May 20, 2011
Approval Date: Apr 16, 2012

ANSI/IEEE 497-2016, Standard Criteria for Accident 
Monitoring Instrumentation for Nuclear Power Generating 
Stations (revision of ANSI/IEEE 497-2010)
PINS Date: Apr 12, 2013
Public Review Start: Dec 2, 2016
Approval Date: Nov 21, 2017

ANSI/IEEE 515-2011, Standard for the Testing, Design, 
Installation, and Maintenance of Electrical Resistance 
Trace Heating for Industrial Applications (revision of 
ANSI/IEEE 515-2004)
PINS Date: Mar 14, 2008
Public Review Start: Mar 9, 2012
Approval Date: Nov 27, 2012

ANSI/IEEE 517-1974 (R2010), Standard Specification 
Format Guide and Test Procedure for Single-Degree-of-
Freedom Rate-Integrating Gyros (reaffirmation of 
ANSI/IEEE 517-1974 (R2005))
PINS Date: 
Public Review Start: Nov 26, 2010
Approval Date: Aug 11, 2011

ANSI/IEEE 524-2016, Guide to the Installation of Overhead 
Transmission Line Conductors (new standard)
PINS Date: Mar 26, 2010
Public Review Start: Mar 24, 2017
Approval Date: Dec 4, 2017

ANSI/IEEE 525-2016, Guide for the Design and Installation 
of Cable Systems in Substations (revision of ANSI/IEEE 
525-2007)
PINS Date: Jul 22, 2011
Public Review Start: Mar 24, 2017
Approval Date: Dec 6, 2017
PINS Date:     Public Review Start: Nov 26, 2010
Approval Date: Aug 11, 2011

PINS Date:     Public Review Start: Nov 26, 2010
Approval Date: Aug 11, 2011

PINS Date: Nov 16, 2012
Public Review Start: Mar 24, 2017
Approval Date: Mar 23, 2018

PINS Date:     Public Review Start: Mar 9, 2012
Approval Date: Jan 11, 2013

PINS Date:     Public Review Start: Sep 2, 2016
Approval Date: Aug 31, 2017

ANSI/IEEE 60079-30-1-2016, IEC/IEEE International Standard - Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements (new standard)
PINS Date: May 21, 2010
Public Review Start: Nov 20, 2015
Approval Date: Feb 22, 2016

PINS Date: May 21, 2010
Public Review Start: Nov 20, 2015
Approval Date: May 4, 2016

PINS Date: May 21, 2010
Public Review Start: Nov 20, 2015
Approval Date: May 4, 2016

PINS Date: Jul 10, 2015
Public Review Start: Dec 2, 2016
Approval Date: Sep 20, 2017

ANSI/IEEE 62582-3-2012, Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 3: Elongation at break (new standard)
PINS Date: Jul 17, 2009
Public Review Start: Jul 5, 2013
Approval Date: Sep 30, 2014

ANSI/IEEE 62582-5-2015, Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 5: Optical time domain reflectometry (new standard)
PINS Date: Jul 17, 2009
Approval Date: Aug 25, 2016

ANSI/IEEE 627-2010, Standard for Qualification of Equipment Used in Nuclear Facilities (new standard)
PINS Date: Aug 17, 2007
Public Review Start: Apr 23, 2010
Approval Date: Sep 13, 2010
Approved American National Standards

ANSI/IEEE 62704-2-2017, IEEE/IEC International Standard -- Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz -- Part 2: Specific requirements for finite difference time domain (FDTD) modelling of exposure from vehicle mounted antennas (new standard)
PINS Date: Jun 24, 2011
Public Review Start: Nov 3, 2017
Approval Date: Oct 11, 2018

ANSI/IEEE 634-2004 (R2010), Standard Cable-Penetration Fire Stop Qualification Test (reaffirmation of ANSI/IEEE 634-2004)
PINS Date:
Public Review Start: Jul 16, 2010
Approval Date: Jan 14, 2011

PINS Date:
Public Review Start: Feb 5, 2010
Approval Date: May 21, 2010

PINS Date:
Public Review Start: Nov 26, 2010
Approval Date: Aug 11, 2011

PINS Date:
Public Review Start: Jul 22, 2011
Approval Date: Apr 16, 2012

PINS Date:
Public Review Start: Nov 26, 2010
Approval Date: Aug 11, 2011

PINS Date: Jul 31, 2015
Public Review Start: Sep 8, 2017
Approval Date: Aug 17, 2018

ANSI/IEEE 7-4.3.2-2016, Standard Criteria for Programmable Digital Devices in Safety Systems of Nuclear Power Generating Stations (revision of ANSI/IEEE 7-4.3.2-2010)
PINS Date: Nov 4, 2011
Public Review Start: Sep 2, 2016
Approval Date: Jul 21, 2017

PINS Date: Aug 13, 2010
Public Review Start: Jul 12, 2013
Approval Date: Oct 28, 2014

PINS Date:
Public Review Start: Feb 5, 2010
Approval Date: May 17, 2010

PINS Date: Feb 24, 2012
Public Review Start: Dec 2, 2016
Approval Date: Nov 2, 2017

ANSI/IEEE 802.11-2016, Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications (new standard)
PINS Date: Nov 2, 2012
Public Review Start: Jun 2, 2017
Approval Date: Aug 17, 2018
ANSI/IEEE 802.11p-2010, LAN/MAN - Specific
Requirements - Part 11: Wireless LAN Medium Access
Control (MAC) and Physical Layer (PHY) Specifications -
Amendment 6: Wireless Access in Vehicular Environments
(supplement to ANSI/IEEE 802.11-2007)
PINS Date: Oct 29, 2004
Public Review Start: Jul 16, 2010
Approval Date: Mar 21, 2011

ANSI/IEEE 802.11u-2011, Standard for Information
Technology - Telecommunications and Information
Exchange Between Systems - Local and Metropolitan
Networks - Specific Requirements - Part II: Wireless LAN
Medium Access Control (MAC) and Physical Layer (PHY)
Specifications - Amendment: IEEE 802.11 Interworking with
External Networks (supplement to ANSI/IEEE 802.11-2007)
PINS Date: Jan 14, 2005
Public Review Start: Feb 25, 2011
Approval Date: Aug 4, 2011

ANSI/IEEE 802.11v-2011, Standard for Information
Technology - Telecommunications and Information
Exchange Between Systems - Local and Metropolitan
Networks - Specific Requirements - Part II: Wireless LAN
Medium Access Control (MAC) and Physical Layer (PHY)
Specifications - Amendment: IEEE 802.11 Wireless
Network Management (supplement to ANSI/IEEE 802.11-2007)
PINS Date: Jan 14, 2005
Public Review Start: Feb 25, 2011
Approval Date: Sep 2, 2011

ANSI/IEEE 802.11z-2010, Standard for Information
Technology - Telecommunications and Information
Exchange Between Systems - Local and Metropolitan Area
Networks - Specific Requirements - Part 11: Wireless LAN
Medium Access Control (MAC) and Physical Layer (PHY)
Specifications - Amendment 7: Extensions to Direct Link
Setup (DLS) (supplement to ANSI/IEEE 802.11-2007)
PINS Date: Feb 6, 2009
Public Review Start: Nov 26, 2010
Approval Date: Jun 1, 2011

ANSI/IEEE 802.15.1-2005 (R2010), Standard for
Information Technology - Telecommunications and
Information Exchange Between Systems - Local and
Metropolitan Area Networks - Specific Requirements - Part
15.1: Wireless Medium Access Control (MAC) and Physical
Layer (PHY) Specifications for Wireless Personal Area
Networks (WPANs) (reaffirmation of ANSI/IEEE 802.15.1-2005)
PINS Date: Nov 8, 2013
Public Review Start: May 27, 2016
Approval Date: May 22, 2017

ANSI/IEEE 802.15.4-2015, Standard for Low-Rate Wireless
Personal Area Networks (WPANs) (revision of ANSI/IEEE
802.15.4-2011)
PINS Date: Jan 21, 2011
Public Review Start: Jul 12, 2013
Approval Date: Oct 7, 2014

ANSI/IEEE 802.15.4j-2013, Standard for Local and
metropolitan area networks - Part 15.4: Low-Rate Wireless
Personal Area Networks (LR-WPANs) - Amendment 4:
Alternative Physical Layer Extension to Support Medical
Body Area Network (MBAN) Services Operating in the
2360 MHz - 2400 MHz Band (new standard)
PINS Date: Feb 6, 2009
Public Review Start: Jul 22, 2011
Approval Date: Sep 27, 2012

ANSI/IEEE 802.15.7-2011, Standard for Short-Range
Wireless Optical Communication using Visible Light (new
standard)
PINS Date: Feb 6, 2009
Public Review Start: Jul 22, 2011
Approval Date: Sep 27, 2012

ANSI/IEEE 802.15.9-2016, Recommended Practice for
Transport of Key Management Protocol (KMP) Datagrams
(new standard)
PINS Date: Feb 24, 2012
Public Review Start: Sep 2, 2016
Approval Date: Jul 28, 2017

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 542
PINS Date: Feb 24, 2012
Public Review Start: Sep 27, 2013
 Approval Date: Jun 17, 2015

PINS Date: Apr 23, 2010
Public Review Start: Jul 16, 2010
Approval Date: Mar 25, 2011

PINS Date: Jan 14, 2005
Public Review Start: Jul 16, 2010
Approval Date: Mar 25, 2011

PINS Date: Jan 5, 2007
Public Review Start: May 20, 2011
Approval Date: Jul 26, 2011

ANSI/IEEE 802.16n-2013, Standard for Air Interface Broadband Wireless Access Systems - Amendment 2: Higher Reliability Networks (new standard)
PINS Date: Jul 16, 2010
Public Review Start: Dec 13, 2013
Approval Date: Jun 17, 2015

PINS Date: Nov 9, 2012
Approval Date: Aug 24, 2016

PINS Date: Jan 22, 2010
Public Review Start: Jul 8, 2011
Approval Date: Apr 16, 2012

PINS Date: Aug 17, 2007
Public Review Start: Apr 23, 2010
Approval Date: Aug 24, 2010

ANSI/IEEE 802.1AC-2016, Standard for Local and metropolitan area networks -- Media Access Control (MAC) Service Definition (new standard)
PINS Date: Nov 29, 2013
Public Review Start: Jun 2, 2017
Approval Date: May 18, 2018

ANSI/IEEE 802.1AEbw-2013, Standard for Local and metropolitan area networks - Media Access Control (MAC) Security Amendment 2: Extended Packet Numbering (new standard)
PINS Date: Jul 6, 2012
Public Review Start: Jul 12, 2013
Approval Date: Oct 24, 2014

ANSI/IEEE 802.1aj-2009, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment 08: Two-Port Media Access Control (MAC) Relay (supplement to ANSI/IEEE 802.1Q -2005)
PINS Date: Jan 14, 2005
Public Review Start: Jan 22, 2010
Approval Date: May 17, 2010

ANSI/IEEE 802.1AR-2009, Standard for Local and Metropolitan Area Networks - Secure Device Identity (new standard)
PINS Date: Oct 7, 2005
Public Review Start: Jan 22, 2010
Approval Date: May 26, 2010
ANSI/IEEE 802.1BA-2011, Standard for Local and Metropolitan Area Networks - Audio Video Bridging (AVB) Systems (new standard)
PINS Date: Jun 13, 2008
Public Review Start: Mar 9, 2012
Approval Date: Dec 7, 2012

PINS Date:
Public Review Start: May 20, 2011
Approval Date: Apr 16, 2012

ANSI/IEEE 802.1Q-2012, Standard for Local and Metropolitan Area Networks - Media Access Control (MAC) Bridges and Virtual Bridges (revision of ANSI/IEEE 802.1Q-2006)
PINS Date:
Public Review Start: Jul 8, 2011
Approval Date: Apr 23, 2012

ANSI/IEEE 802.1Qat-2010, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks Amendment: Stream Reservation Protocol (SRP) (supplement to ANSI/IEEE 802.1Q-2005)
PINS Date:
Public Review Start: Nov 26, 2010
Approval Date: May 5, 2011

ANSI/IEEE 802.1Qau-2010, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Congestion Notification (supplement to ANSI/IEEE 802.1Q-2006)
PINS Date:
Public Review Start: Apr 23, 2010
Approval Date: Aug 3, 2010

ANSI/IEEE 802.1Qav-2009, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment XX: Forwarding and Queuing Enhancements for Time-Sensitive Streams (supplement to ANSI/IEEE 802.1Q-2005)
PINS Date: Mar 23, 2007
Public Review Start: Jan 22, 2010
Approval Date: Jun 23, 2010

ANSI/IEEE 802.1Qaz-2011, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Enhanced Transmission Selection for Bandwidth Sharing Between Traffic Classes (addenda to ANSI/IEEE 802.1Q-2011)
PINS Date: May 23, 2008
Public Review Start: Jul 22, 2011
Approval Date: Sep 27, 2012

ANSI/IEEE 802.1Qbb-2011, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Priority-based Flow Control (addenda to ANSI/IEEE 802.1Q-2011)
PINS Date: May 23, 2008
Public Review Start: Jul 22, 2011
Approval Date: Apr 26, 2012

ANSI/IEEE 802.1Qbc-2011, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Provider Bridging - Remote Customer Service Interfaces (addenda to ANSI/IEEE 802.1Q-2011)
PINS Date:
Public Review Start: Jul 22, 2011
Approval Date: Apr 16, 2012

ANSI/IEEE 802.1Qbe-2011, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Multiple Backbone Service Instance Identifier (I-SID) Registration Protocol (MIRP) (addenda to ANSI/IEEE 802.1Q-2011)
PINS Date: Oct 23, 2009
Public Review Start: Jul 22, 2011
Approval Date: Apr 16, 2012

ANSI/IEEE 802.1Qcd-2016, Standard for Local and metropolitan area networks - Bridges and Bridged Networks - Amendment 23: Application Virtual Local Area Network (VLAN) Type, Length, Value (TLV) (addenda to ANSI/IEEE 802.1Q-2012)
PINS Date: Nov 8, 2013
Approval Date: Aug 5, 2016
<table>
<thead>
<tr>
<th>ANSI/IEEE Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start Date</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: June 7, 2011
Public Review Start: November 26, 2010
Approval Date: June 7, 2011

PINS Date: March 14, 2008
Public Review Start: July 16, 2010
Approval Date: May 5, 2011

PINS Date: July 31, 2009
Public Review Start: July 22, 2011
Approval Date: July 25, 2012

ANSI/IEEE 802.3bf-2011, Standard for Information Technology - Telecommunications and Information Exchange between Systems - Local and metropolitan area networks - Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications Amendment: Media access Control (MAC) service interface and management parameters to support time synchronization protocols (supplement to ANSI/IEEE 802.3-2009)
PINS Date: January 22, 2010
Public Review Start: July 8, 2011
Approval Date: April 16, 2012

PINS Date: May 21, 2010
Public Review Start: May 20, 2011
Approval Date: March 27, 2012

ANSI/IEEE 802.3bu-2016, Standard for Ethernet--Amendment 8: Physical Layer and Management Parameters for Power over Data Lines (PoDL) of Single Balanced Twisted-Pair Ethernet (new standard)
PINS Date: January 17, 2014
Public Review Start: June 2, 2017
Approval Date: May 4, 2018

ANSI/IEEE 807-2011, Recommended Practice for Unique Identification in Hydroelectric Facilities (new standard)
PINS Date: November 15, 2002
Public Review Start: March 9, 2012
Approval Date: January 14, 2013

PINS Date: March 18, 2005
Public Review Start: July 12, 2013
Approval Date: October 3, 2014

ANSI/IEEE 810-2015, Standard for Hydraulic Turbine and Generator Shaft Couplings and Shaft Runout Tolerances (new standard)
PINS Date: August 17, 2007
Public Review Start: April 8, 2016
Approval Date: March 16, 2017

PINS Date: Public Review Start: February 5, 2010
Approval Date: July 8, 2010
ANSI/IEEE 820-2005 (R2010), Standard Telephone Loop
Performance Characteristics (reaffirmation of ANSI/IEEE
820-2005)
PINS Date:
Public Review Start: Jul 16, 2010
Approval Date: Jan 14, 2011

Capacitor Banks in Power Systems (reaffirmation of
ANSI/IEEE 824-2004)
PINS Date:
Public Review Start: May 20, 2011
Approval Date: Apr 16, 2012

ANSI/IEEE 835-1994 (R2012), Standard Power Cable
Ampacity Tables (reaffirmation of ANSI/IEEE 835-1994
(R2006))
PINS Date:
Public Review Start: Jul 12, 2013
Approval Date: Oct 29, 2014

Human-System Performance in Nuclear Power Generating
Stations (reaffirmation of ANSI/IEEE 845-1999 (R2005))
PINS Date:
Public Review Start: Jul 22, 2011
Approval Date: Apr 16, 2012

ANSI/IEEE 848-2015, Standard Procedure for the
Determination of the Ampacity Derating Factor for Fire-
Protected Cable Systems (new standard)
PINS Date: May 5, 2006
Approval Date: Aug 5, 2016

for the Application of ISO 9001:2000 to Computer Software
(national adoption with modifications of ISO/IEC
90003:2004)
PINS Date: Dec 10, 2004
Public Review Start: Nov 21, 2008
Approval Date: Mar 5, 2009
ISO Adoption

ANSI/IEEE 930-2005 (R2010), IEEE Guide for the
Statistical Analysis of Electrical Insulation Breakdown Data
(reaffirmation of ANSI/IEEE 930-2005)
PINS Date:
Public Review Start: Feb 25, 2011
Approval Date: Jun 28, 2011

ANSI/IEEE 977-2010, Guide to Installation of Foundations
for Transmission Line Structures (new standard)
PINS Date: Apr 12, 2002
Public Review Start: Nov 26, 2010
Approval Date: Aug 12, 2011

ANSI/IEEE 98-2016, Standard for the Preparation of Test
Procedures for the Thermal Evaluation of Solid Electrical
Insulating Material (revision of ANSI/IEEE 98-2007)
PINS Date: Mar 2, 2012
Approval Date: Jul 21, 2017

ANSI/IEEE C37.010-2016, Application Guide for AC High-
Voltage Circuit Breakers > 1000 Vac Rated on a
Symmetrical Current Basis (new standard)
PINS Date: Jan 28, 2011
Public Review Start: Mar 24, 2017
Approval Date: Mar 23, 2018

ANSI/IEEE C37.011-2011, Guide for the Application of
Transient Recovery Voltage for AC High-Voltage Circuit
Breakers (revision of ANSI/IEEE C37.011-2005)
PINS Date: Feb 19, 2010
Public Review Start: Mar 9, 2012
Approval Date: Jan 15, 2013

for Capacitance Current Switching for AC High-Voltage
Circuit Breakers (reaffirmation of ANSI/IEEE C37.012
-2005)
PINS Date:
Public Review Start: Jun 3, 2011
Approval Date: Aug 1, 2012

ANSI/IEEE C37.015-2009, Guide for the Application of
Shunt Reactor Switching (revision of ANSI/IEEE C37.015
-1993 (R2006))
PINS Date: Jun 13, 2008
Public Review Start: Feb 5, 2010
Approval Date: Jul 1, 2010
ANSI/IEEE C37.017-2010, Standard for Bushings for High Voltage (Over 1000 Volts AC) Circuit Breakers and Gas Insulated Switchgear (new standard)
PINS Date: Nov 14, 2008
Public Review Start: Nov 26, 2010
Approval Date: Aug 3, 2011

ANSI/IEEE C37.09b-2010, Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Amendment 2: To Change the Description of Transient Recovery Voltage for Harmonization with IEC 62271-100 (supplement to ANSI/IEEE C37.09-1999 (R2007))
PINS Date: Dec 30, 2005
Public Review Start: Feb 25, 2011
Approval Date: Aug 18, 2011

PINS Date: May 1, 2009
Public Review Start: Mar 9, 2012
Approval Date: Dec 12, 2012

PINS Date: 
Public Review Start: Jul 12, 2013
Approval Date: Oct 7, 2014

PINS Date: Jul 6, 2012
Approval Date: Jan 9, 2017

ANSI/IEEE C37.105-2010, Standard for Qualifying Class 1E Protective Relays and Auxiliaries for Nuclear Power Generating Stations (new standard)
PINS Date: Jan 4, 2000
Public Review Start: Nov 26, 2010
Approval Date: Jul 19, 2011

PINS Date: Feb 6, 2009
Public Review Start: Feb 25, 2011
Approval Date: Jun 14, 2011

PINS Date: Jul 15, 2005
Public Review Start: Jul 12, 2013
Approval Date: Oct 28, 2014

ANSI/IEEE C37.113-2015, Guide for Protective Relay Applications to Transmission Lines (new standard)
PINS Date: Mar 2, 2012
Approval Date: Nov 30, 2016

PINS Date: Jun 15, 2012
Public Review Start: Dec 2, 2016
Approval Date: Nov 28, 2017

PINS Date: Oct 30, 2009
Public Review Start: Jul 12, 2013
Approval Date: Oct 28, 2014

PINS Date: Mar 19, 2010
Public Review Start: Nov 26, 2010
Approval Date: Jun 10, 2011
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Previous Edition</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/IEEE C37.20.4-2013</td>
<td>Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear (revision of ANSI/IEEE C37.20.4-2001 (R2006))</td>
<td></td>
<td>Aug 17, 2007</td>
<td>Sep 27, 2013</td>
<td>Jul 31, 2015</td>
</tr>
</tbody>
</table>
PINS Date: Oct 16, 2009
Public Review Start: Jan 22, 2010
Approval Date: May 24, 2010

PINS Date: Nov 29, 2013
Public Review Start: Sep 8, 2017
Approval Date: Sep 13, 2018

ANSI/IEEE C37.239-2010, Standard for Common Format for Event Data Exchange (COMFEDE) for Power Systems (new standard)
PINS Date: Feb 6, 2009
Public Review Start: Nov 26, 2010
Approval Date: Jun 8, 2011

ANSI/IEEE C37.242-2013, Guide for Synchronization, Calibration, Testing, and Installation of Phasor Measurement Units (PMUs) for Power System Protection and Control (new standard)
PINS Date: Dec 17, 2010
Public Review Start: Jul 12, 2013
Approval Date: Oct 7, 2014

PINS Date: Dec 17, 2010
Approval Date: Sep 12, 2016

ANSI/IEEE C37.244-2013, Guide for Phasor Data Concentrator Requirements for Power System Protection, Control, and Monitoring (new standard)
PINS Date: Jun 17, 2011
Public Review Start: Sep 27, 2013
Approval Date: Jul 21, 2015

PINS Date:
Public Review Start: May 27, 2016
Approval Date: Dec 16, 2016

PINS Date: Jul 16, 2010
Public Review Start: May 27, 2016
Approval Date: Aug 26, 2016

PINS Date: Jan 25, 2013
Public Review Start: Mar 24, 2017
Approval Date: Mar 23, 2018

PINS Date: Jun 15, 2012
Public Review Start: Mar 24, 2017
Approval Date: Feb 27, 2018

PINS Date: Jul 24, 2015
Public Review Start: Dec 2, 2016
Approval Date: Nov 7, 2017
PINS Date: Jul 17, 2009
Public Review Start: Jul 16, 2010
Approval Date: Jan 4, 2011

ANSI/IEEE C37.47-2011, Standard Specifications For High Voltage (> 1000 V) Current-Limiting Type Distribution Class Fuses and Fuse Disconnecting Switches (new standard)
PINS Date: Jul 17, 2009
Public Review Start: Mar 9, 2012
Approval Date: Jan 11, 2013

PINS Date: Public Review Start: Feb 25, 2011
Approval Date: Jun 28, 2011

PINS Date: Aug 12, 2011
Public Review Start: Sep 27, 2013
Approval Date: Jul 29, 2015

ANSI/IEEE C37.74-2014, Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV (new standard)
PINS Date: Jan 5, 2007
Public Review Start: May 29, 2015
Approval Date: Feb 17, 2016

PINS Date: Public Review Start: Feb 5, 2010
Approval Date: Jun 4, 2010

ANSI/IEEE C37.82-1987 (R2009), Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE C37.82-1987 (R2004))
PINS Date: Public Review Start: Feb 5, 2010
Approval Date: Jun 2, 2010

ANSI/IEEE C37.90-2011, Relays and Relay Systems Associated with Electric Power Apparatus (new standard)
PINS Date: Public Review Start: Jun 3, 2011
Approval Date: May 23, 2012

PINS Date: Public Review Start: Apr 23, 2010
Approval Date: Oct 6, 2010

PINS Date: Public Review Start: Jun 3, 2011
Approval Date: Apr 16, 2012

PINS Date: Public Review Start: Nov 26, 2010
Approval Date: Aug 2, 2011

PINS Date: Feb 29, 2008
Public Review Start: Jul 12, 2013
Approval Date: Nov 5, 2014

PINS Date: Mar 23, 2007
Public Review Start: Jul 12, 2013
Approval Date: Oct 29, 2014
ANSI/IEEE C50.12-2005 (R2010), Standard for Salient-Pole 50 Hz and 60 Hz Synchronous Generators and Generator/Motors for Hydraulic Turbine Applications Rated 5 MVA and Above (reaffirmation of ANSI/IEEE C50.12-2005)  
PINS Date:  
Public Review Start:  
Approval Date:  

PINS Date:  
Public Review Start:  
Approval Date:  

PINS Date:  
Public Review Start:  
Approval Date:  

ANSI/IEEE C57.113-2010, Recommended Practice for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors (revision of ANSI/IEEE C57.113-2002)  
PINS Date:  
Public Review Start:  
Approval Date:  

PINS Date:  
Public Review Start:  
Approval Date:  

ANSI/IEEE C57.12.01-2015, Standard for General Requirements for Dry-Type Distribution and Power Transformers (new standard)  
PINS Date:  
Public Review Start:  
Approval Date:  

ANSI/IEEE C57.12.10-2011, Standard Requirements for Liquid-Immersed Power Transformers (new standard)  
PINS Date:  
Public Review Start:  
Approval Date:  

PINS Date:  
Public Review Start:  
Approval Date:  

PINS Date:  
Public Review Start:  
Approval Date:  

ANSI/IEEE C57.12.30-2010, Standard for Pole-Mounted Equipment - Enclosure Integrity for Coastal Environments (new standard)  
PINS Date:  
Public Review Start:  
Approval Date:  

PINS Date:  
Public Review Start:  
Approval Date:  

ANSI/IEEE C57.12.34-2015, Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller: High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below (revision of ANSI/IEEE C57.12.34-2009)  
PINS Date:  
Public Review Start:  
Approval Date:  

 Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020  PAGE | 552
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------</td>
<td>-----------------------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date: Jun 13, 2008
Public Review Start: Sep 27, 2013
Approval Date: Jul 31, 2015

PINS Date: May 23, 2008
Approval Date: Sep 9, 2016

ANSI/IEEE C57.156-2016, Guide for Tank Rupture Mitigation of Liquid-Immersed Power Transformers and Reactors (new standard)
PINS Date: Aug 12, 2011
Public Review Start: Dec 2, 2016
Approval Date: Dec 6, 2017

PINS Date: Feb 24, 2012
Public Review Start: Apr 8, 2016
Approval Date: Apr 7, 2017

ANSI/IEEE C57.159-2016, Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems (new standard)
PINS Date: Jul 6, 2012
Public Review Start: Dec 2, 2016
Approval Date: Nov 21, 2017

PINS Date: Mar 19, 2010
Public Review Start: Mar 9, 2012
Approval Date: Dec 7, 2012

PINS Date: Jul 3, 2015
Approval Date: Sep 13, 2016

ANSI/IEEE C57.17-2012, Standard Requirements for Arc Furnace Transformers (new standard)
PINS Date: Aug 17, 2007
Public Review Start: Jul 5, 2013
Approval Date: Oct 21, 2014

PINS Date:
Public Review Start: Feb 25, 2011
Approval Date: Aug 18, 2011

PINS Date: May 5, 2006
Public Review Start: Jul 12, 2013
Approval Date: Nov 3, 2014

PINS Date: Mar 2, 2012
Public Review Start: May 27, 2016
Approval Date: May 11, 2017

PINS Date: Feb 6, 2009
Public Review Start: Apr 8, 2016
Approval Date: Apr 10, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/IEEE C57.94-2015, Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers (revision of ANSI/IEEE C57.94-2000 (R2006))
- PINS Date: Feb 24, 2012
- Public Review Start: May 27, 2016
- Approval Date: Jun 1, 2017

- PINS Date: Jun 3, 2011
- Public Review Start: Jul 24, 2012

ANSI/IEEE C62.33-2016, Standard for Test Methods and Performance Values of Metal-Oxide Varistor Surge Protective Components (new standard)
- PINS Date: May 26, 2017
- Public Review Start: May 22, 2018

- PINS Date: May 28, 2010
- Public Review Start: Nov 8, 2010

- PINS Date: Dec 2, 2016
- Public Review Start: Nov 28, 2017

- PINS Date: Apr 23, 2010
- Public Review Start: Aug 20, 2010

- PINS Date: Aug 25, 2006
- Public Review Start: Jul 12, 2013
- Approval Date: Oct 6, 2014

- PINS Date: Nov 2, 2012
- Public Review Start: Jul 5, 2013
- Approval Date: Oct 3, 2014

- PINS Date: Apr 12, 2013
- Public Review Start: Jun 2, 2017
- Approval Date: May 8, 2018

- PINS Date: Apr 12, 2013
- Public Review Start: Mar 24, 2017
- Approval Date: Mar 23, 2018

- PINS Date: Jan 17, 2014
- Public Review Start: Sep 8, 2017
- Approval Date: Aug 16, 2018

- PINS Date: Feb 25, 2011
- Public Review Start: Jun 28, 2011
- Approval Date: Jun 28, 2011
PINS Date: May 21, 2010
Public Review Start: May 26, 2017
Approval Date: May 18, 2018

ANSI/IEEE C62.62-2010, Standard Test Specifications for Surge-Protective Devices (SPDs) for Use on the Load Side of the Service Equipment in Low Voltage (1000 V and less) AC Power Circuits (new standard)
PINS Date: Jan 14, 2005
Public Review Start: Mar 4, 2011
Approval Date: Aug 19, 2011

PINS Date: Nov 29, 2013
Approval Date: Aug 3, 2017

PINS Date: Jul 17, 2009
Public Review Start: Sep 2, 2016
Approval Date: Jul 28, 2017

PINS Date: Oct 30, 2009
Public Review Start: Jul 21, 2017
Approval Date: Aug 7, 2018

PINS Date: 
Public Review Start: Jul 12, 2013
Approval Date: Oct 27, 2014

ANSI/IEEE C93.3-2017, Standard for the Requirements for Power-Line Carrier Line Traps (30-500 kHz) (new standard)
PINS Date: Feb 24, 2012
Public Review Start: Aug 11, 2017
Approval Date: Jul 2, 2018

ANSI/IEEE C93.4-2012, Standard for Power-Line Carrier Line-Tuning Equipment (30 kHz to 500 kHz) Associated with Power Transmission Lines (new standard)
PINS Date: Jul 15, 2005
Public Review Start: Jul 5, 2013
Approval Date: Oct 3, 2014

ANSI/IEEE C95.3.1-2010, Recommended Practice for Measurements and Computations of Electric, Magnetic, and Electromagnetic Fields with Respect to Human Exposure to Such Fields, 0 - 100 kHz (new standard)
PINS Date: Apr 30, 2010
Public Review Start: May 28, 2010
Approval Date: Aug 5, 2010

IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)
www.ieee.org

PINS Date: Jan 15, 2016
Approval Date: Apr 26, 2016

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)
www.ieee.org

ANSI C63.10-2013, Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (revision of ANSI C63.10-2009)
PINS Date: May 21, 2010
Public Review Start: Apr 26, 2013
Approval Date: Jun 27, 2013
ANSI C63.12-2015, Standard Recommended Practice for Electromagnetic Compatibility Limits and Test Levels (revision of ANSI C63.12-1999 (R2007))
PINS Date: May 24, 2013
Public Review Start: Apr 24, 2015
Approval Date: Jun 18, 2015

PINS Date: May 7, 2010
Public Review Start: Jul 4, 2014
Approval Date: Aug 28, 2014

PINS Date: Jun 3, 2016
Public Review Start: May 26, 2017
Approval Date: Jul 13, 2017

ANSI C63.16-2016, Guide for Electrostatic Discharge Test Methodologies and Acceptances Criteria for Electronic Equipment (new standard)
PINS Date: May 11, 2012
Public Review Start: Dec 11, 2015
Approval Date: Feb 1, 2016

ANSI C63.19-2019, Standard Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids (revision of ANSI C63.19-2011)
PINS Date: Apr 22, 2016
Public Review Start: Mar 22, 2019
Approval Date: Aug 19, 2019

ANSI C63.2-2016, American National Standard for Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz Specifications (revision of ANSI C63.2-2009)
PINS Date: May 24, 2013
Public Review Start: Apr 10, 2015
Approval Date: Oct 11, 2016

ANSI C63.25.1-2018, Standard Validation Methods for Radiated Emission Test Sites, 1 GHz to 18 GHz (new standard)
PINS Date: Nov 11, 2011
Public Review Start: Aug 31, 2018
Approval Date: Dec 17, 2018

PINS Date: Jun 12, 2009
Public Review Start: Oct 9, 2015
Approval Date: Dec 3, 2015

ANSI C63.27-2017, Draft Standard for Evaluation of Wireless Coexistence (new standard)
PINS Date: Jun 15, 2012
Approval Date: Jan 19, 2017

ANSI C63.5-2019, Draft Standard for Electromagnetic Compatibility - Radiated Emission Measurements in Electromagnetic Interference (EMI) Control - Calibration and Qualification of Antennas (9 kHz to 40 GHz) Corrigendum 1 (revision of ANSI C63.5-2017)
PINS Date: Dec 1, 2017
Public Review Start: Aug 3, 2018
Approval Date: Jan 3, 2019

ANSI C63.7-2015, Standard Guide for Construction of Test Sites for Performing Radiated Emission Measurements (revision of ANSI C63.7-2005)
PINS Date: May 24, 2013
Public Review Start: Dec 5, 2014
Approval Date: Jan 29, 2015

ANSI C63.9-2008 (R2014), Standard for RF Immunity of Audio Office Equipment to General Use Transmitting Devices with Transmitter Power Levels up to 8 Watts (reaffirmation of ANSI C63.9-2008)
PINS Date: Public Review Start: Dec 27, 2013
Approval Date: Oct 16, 2014
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Aug 15, 2014
Public Review Start: Sep 9, 2016
Approval Date: Nov 7, 2016

PINS Date: Jun 29, 2018
Public Review Start: Aug 31, 2018
Approval Date: Dec 17, 2018

PINS Date: Sep 8, 2017
Public Review Start: Sep 22, 2017
Approval Date: Nov 7, 2017

PINS Date: Apr 26, 2019
Public Review Start: Sep 27, 2019
Approval Date: Apr 23, 2020

ANSI N42.43-2016, *Performance Criteria for Mobile and Transportable Radiation Monitors Used for Homeland Security* (revision of ANSI N42.43-2006)
PINS Date: Sep 6, 2013
Public Review Start: Nov 13, 2015
Approval Date: Apr 26, 2016

PINS Date: Nov 11, 2005
Public Review Start: May 7, 2010
Approval Date: Jan 26, 2011

PINS Date: Sep 8, 2017
Public Review Start: Sep 22, 2017
Approval Date: Nov 14, 2017

PINS Date: Jul 7, 2006
Public Review Start: Apr 2, 2010
Approval Date: Jul 26, 2010

PINS Date: Oct 20, 2017
Public Review Start: Jul 6, 2018
Approval Date: Nov 5, 2018

PINS Date: Jan 30, 2009
Public Review Start: May 7, 2010
Approval Date: Jan 4, 2011

ANSI N42.49B-2013, *Performance Criteria for Non-alarming Personal Emergency Radiation Detectors (PERDs) for Exposure Control* (new standard)
PINS Date: May 8, 2009
Public Review Start: Feb 17, 2012
Approval Date: Dec 20, 2013

PINS Date: Aug 27, 2010
Public Review Start: Mar 15, 2013
Approval Date: Jun 4, 2013

ANSI N42.54-2018, *Draft Standard for Instrumentation and Systems for Monitoring Airborne Radioactivity* (revision and partition of ANSI N42.18-2004, N42.17B, ANSI N42.18, ANSI N42.30, ANSI N323C)
PINS Date: Aug 27, 2010
Public Review Start: Oct 20, 2017
Approval Date: Jan 10, 2018
ANSI N42.55-2013, Standard for the Performance of Portable Transmission X-Ray Systems for Use in Improvised Explosive Device and Hazardous Device Identification (new standard)
PINS Date: Apr 15, 2011
Public Review Start: Sep 20, 2013
Approval Date: Dec 16, 2013

ANSI N42.60-2019, Standard Training for Radiological/Nuclear Detection for Initial Response (new standard)
PINS Date: Oct 13, 2017
Public Review Start: May 24, 2019
Approval Date: Aug 8, 2019

IES (Illuminating Engineering Society)
www.ies.org

PINS Date: Feb 15, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

PINS Date: Feb 15, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

ANSI/IES LM-20-2020, Approved Method: Photometry of Reflector Type Lamps (new standard)
PINS Date: Feb 15, 2019
Public Review Start: Dec 20, 2019
Approval Date: Feb 7, 2020

ANSI/IES LM-28-2020, Approved Method: Guide for the Selection, Care and Use of Electrical Instruments in the Photometric Laboratory (new standard)
PINS Date: Jul 19, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

ANSI/IES LM-31-2020, Approved Method: Photometric Testing of Roadway and Area Lighting Luminaires Using Incandescent Filament or High Intensity Discharge Lamps (new standard)
PINS Date: Feb 15, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

PINS Date: Sep 27, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

PINS Date: Nov 1, 2019
Public Review Start: Dec 20, 2019
Approval Date: Feb 7, 2020

ANSI/IES LM-40-2020, IES Approved Method: Life Testing of Fluorescent Lamps (new standard)
PINS Date: Feb 15, 2019
Public Review Start: Jun 14, 2019
Approval Date: Feb 7, 2020

PINS Date: Sep 27, 2019
Public Review Start: Jan 24, 2020
Approval Date: Mar 19, 2020

PINS Date: Sep 27, 2019
Public Review Start: Nov 22, 2019
Approval Date: Feb 7, 2020

PINS Date: Feb 15, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Approved Method</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/IES LM-78-2020, Approved Method: Total Luminous Flux Measurement of Lamps using an Integrating Sphere Photometer (new standard)
PINS Date: Feb 15, 2019
Public Review Start: Jul 19, 2019
Approval Date: Feb 7, 2020

PINS Date: Dec 4, 2015
Public Review Start: Mar 15, 2019
Approval Date: May 14, 2019

PINS Date:
Public Review Start: Dec 20, 2019
Approval Date: Feb 7, 2020

PINS Date: Sep 27, 2019
Public Review Start: Dec 20, 2019
Approval Date: Feb 7, 2020

PINS Date: Mar 15, 2019
Public Review Start: Nov 8, 2019
Approval Date: Feb 7, 2020

PINS Date: Mar 15, 2019
Public Review Start: Jan 24, 2020
Approval Date: Mar 23, 2020

ANSI/IES LM-84-2020, Approved Method: Total Luminous Flux Measurement of Lamps using an Integrating Sphere Photometer (new standard)
PINS Date: Feb 15, 2019
Public Review Start: Jul 19, 2019
Approval Date: Feb 7, 2020

ANSI/IES LM-85-2020, Approved Method: Optical and Electrical Measurements of LED Packages and LED Arrays (new standard)
PINS Date: Sep 20, 2019
Public Review Start: Dec 20, 2019
Approval Date: Feb 7, 2020

PINS Date: Sep 27, 2019
Public Review Start: Dec 20, 2019
Approval Date: Feb 7, 2020

ANSI/IES LM-88-2018, Approved Method: Optical and Electrical Measurements of AC-LED Packages and Arrays or Modules (new standard)
PINS Date: Dec 4, 2015
Public Review Start: Nov 10, 2017
Approval Date: Sep 6, 2018

PINS Date: Feb 15, 2019
Public Review Start: Jul 5, 2019
Approval Date: Feb 7, 2020

ANSI/IES LP-1-2020, IES Lighting Practice: Designing Quality Lighting for People and Buildings (new standard)
PINS Date: Apr 26, 2019
Public Review Start: Jun 14, 2019
Approval Date: Feb 7, 2020

ANSI/IES LP-10-2020, Lighting Practice: Sustainable Lighting - An Introduction to the Environmental Impacts of Lighting (new standard)
PINS Date: Jul 5, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

ANSI/IES LP-11-2020, Lighting Practice: Environmental Considerations for Outdoor Lighting (new standard)
PINS Date: Sep 27, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

The data in this document is reported as of Monday, June 15, 2020

Provided by American National Standards Institute   www.ansi.org   Monday, June 15, 2020   PAGE | 563
ANSI/IES LP-2-2020, Lighting Practice: Designing Quality Lighting for People in Outdoor Environments (new standard)
PINS Date: Jan 4, 2019
Public Review Start: Nov 8, 2019
Approval Date: Feb 7, 2020

ANSI/IES LP-4-2020, Lighting Practice: Electric Light Sources - Properties, Selection and Specification (new standard)
PINS Date: Jun 14, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

ANSI/IES LP-6-2020, Lighting Practice: Lighting Control Systems - Properties, Equipment and Specification (new standard)
PINS Date: Sep 27, 2019
Public Review Start: Mar 6, 2020
Approval Date: May 28, 2020

ANSI/IES LP-7-2020, Lighting Practice: The Lighting Design and Construction Process (new standard)
PINS Date: Nov 8, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date: Jul 5, 2019
Public Review Start: Jan 24, 2020
Approval Date: Mar 13, 2020

PINS Date: Jul 5, 2019
Public Review Start: Sep 27, 2019
Approval Date: Feb 7, 2020

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 24, 2020

PINS Date: Mar 1, 2019
Public Review Start: Jul 5, 2019
Approval Date: Feb 7, 2020

ANSI/IES LS-3-2020, Lighting Science: Physics and Optics of Radiant Power (new standard)
PINS Date: Jul 5, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

PINS Date: Jul 5, 2019
Public Review Start: Jan 24, 2020
Approval Date: Mar 13, 2020

ANSI/IES LS-6-2020, Lighting Science: Calculation of Light and Its Effects (new standard)
PINS Date: Jul 5, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

ANSI/IES LS-7-2020, Lighting Science: Vision - Eye and Brain (new standard)
PINS Date: Jul 5, 2019
Public Review Start: Nov 8, 2019
Approval Date: Feb 7, 2020

ANSI/IES LS-8-2020, Lighting Science: Vision - Perceptions and Performance (new standard)
PINS Date: Sep 27, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020
<table>
<thead>
<tr>
<th>ANSI/IES RP</th>
<th>Recommended Practice</th>
<th>Office Spaces</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(revision of ANSI/IES RP-1-2013)</td>
<td></td>
<td>Jul 26, 2019</td>
<td>Feb 7, 2020</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(new standard)</td>
<td>Nov 8, 2019</td>
<td>Mar 6, 2020</td>
<td>Apr 21, 2020</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(new standard)</td>
<td>Jul 26, 2019</td>
<td>Nov 8, 2019</td>
<td>Feb 7, 2020</td>
</tr>
</tbody>
</table>

ANSI/IES RP-10-2020, Recommended Practice: Lighting
Office Spaces (revision of ANSI/IES RP-1-2013)
PINS Date: Nov 8, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

ANSI/IES RP-10-2020, Recommended Practice: Lighting
Common Applications (new standard)
PINS Date: Jun 28, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

ANSI/IES RP-20-2020, Recommended Practice: Lighting
Retail Spaces (new standard)
PINS Date: Jun 28, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

ANSI/IES RP-27-2020, Recommended Practice:
PINS Date: Dec 6, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

ANSI/IES RP-28-2020, Recommended Practice: Lighting
and the Visual Environment for Older Adults and the Visually Impaired (revision of ANSI/IES RP-28-2016)
PINS Date: Jul 26, 2019
Public Review Start: Nov 8, 2019
Approval Date: Feb 7, 2020

ANSI/IES RP-29-2020, Recommended Practice: Lighting
Hospital and Healthcare Facilities (revision of ANSI/IES RP-29-2016)
PINS Date: Jun 28, 2019
Public Review Start: Nov 8, 2019
Approval Date: Mar 23, 2020

ANSI/IES RP-30-2020, Recommended Practice: Lighting
Museums (revision of ANSI/IES RP-30-16)
PINS Date: Jun 28, 2019
Public Review Start: Jan 24, 2020
Approval Date: Mar 20, 2020

ANSI/IES RP-31-2020, Recommended Practice: Economic Analysis of Lighting (new standard)
PINS Date: Nov 8, 2019
Public Review Start: Mar 6, 2020
Approval Date: Apr 21, 2020

ANSI/IES RP-37-2020, Recommended Practice: Lighting
Airport Outdoor Environments (new standard)
PINS Date: Jul 19, 2019
Public Review Start: Dec 20, 2019
Approval Date: Feb 7, 2020

PINS Date: Jan 2, 2009
Public Review Start: Jul 14, 2017
Approval Date: Dec 21, 2017

PINS Date: Dec 28, 2018
Public Review Start: Feb 15, 2019
Approval Date: Apr 9, 2019

ANSI/IES RP-4-2020, Recommended Practice: Lighting
Library Spaces (new standard)
PINS Date: Jan 24, 2020
Public Review Start: Apr 3, 2020
Approval Date: May 21, 2020

ANSI/IES RP-40-2019, Recommended Practice: Lighting
Port Terminals (new standard)
PINS Date: Aug 26, 2016
Public Review Start: Sep 27, 2019
Approval Date: Dec 17, 2019
<table>
<thead>
<tr>
<th>ANSI/IES RP-41-2020, Recommended Practice: Lighting Theatre and Auditorium Spaces (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Feb 15, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Jan 24, 2020</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Mar 23, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES RP-42-2020, Recommended Practice: Dimming and Control Method Designations (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Nov 8, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Mar 6, 2020</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> May 29, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES RP-6-2020, Recommended Practice: Lighting Sports and Recreational Areas (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Jun 28, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Nov 8, 2019</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Feb 7, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES RP-7-2017, Recommended Practice for Lighting Industrial Facilities (revision and redesignation of ANSI/IESNA RP-7-2012)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Aug 19, 2016</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Jan 27, 2017</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Jul 13, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES RP-7-2020, Recommended Practice: Lighting Industrial Facilities (revision of ANSI/IES RP-7-2017)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Public Review Start:</strong> Nov 8, 2019</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Mar 23, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Sep 2, 2016</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Jun 8, 2018</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Sep 20, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES RP-9-2020, Recommended Practice: Lighting Hospitality Spaces (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Nov 24, 2017</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Jan 24, 2020</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Mar 19, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Feb 15, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Apr 3, 2020</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> May 21, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES TM-21-2019, IES Approved Method: Projecting Long Term Lumen, Photon and Radiant Flux Maintenance of LED Light Sources (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Mar 15, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Jun 14, 2019</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Oct 28, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Aug 19, 2016</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Jul 14, 2017</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Oct 27, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES TM-24-2020, Lighting Science: An Optional Method for Adjusting the Recommended Illuminance for Visually Demanding Tasks within IES Illuminance Categories P through Y Based on Light Source Spectrum (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Jul 5, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Mar 27, 2020</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> May 28, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES TM-25-2020, Ray File Format for the Description of the Emission Property of Light Sources (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Sep 13, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Oct 18, 2019</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Feb 7, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/IES TM-26-2020, Technical Memorandum: Projecting Catastrophic Failure Rate of LED Packages (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong> Jul 5, 2019</td>
</tr>
<tr>
<td><strong>Public Review Start:</strong> Mar 6, 2020</td>
</tr>
<tr>
<td><strong>Approval Date:</strong> Apr 23, 2020</td>
</tr>
<tr>
<td>Standard</td>
</tr>
<tr>
<td>----------</td>
</tr>
</tbody>
</table>

ISO Adoption


ISO Adoption


ISO Adoption


ISO Adoption


ISO Adoption


ISO Adoption


ISO Adoption


ISO Adoption


ISO Adoption


ISO Adoption

IIAR   (International Institute of Ammonia Refrigeration )

www.iiar.org

Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Oct 18, 2013
Public Review Start: Jun 26, 2015
Approval Date: Sep 23, 2015

PINS Date: Feb 10, 2017
Public Review Start: Feb 8, 2019
Approval Date: Jun 5, 2019

ANSI/IIAR 3-2017, Ammonia Refrigeration Valves (revision of ANSI/IIAR 3-2012)
PINS Date: 
Public Review Start: Mar 24, 2017
Approval Date: Jun 30, 2017

ANSI/IIAR 4-2015, Installation of Closed-Circuit Ammonia Refrigeration Systems (new standard)
PINS Date: Feb 29, 2008
Public Review Start: Aug 29, 2014
Approval Date: Jan 26, 2015

PINS Date: Jun 23, 2017
Public Review Start: Jul 5, 2019
Approval Date: Sep 9, 2019

PINS Date: Feb 29, 2008
Public Review Start: Feb 15, 2019
Approval Date: Apr 16, 2019

PINS Date: Jun 23, 2017
Public Review Start: Oct 5, 2018
Approval Date: Apr 16, 2019

PINS Date: Feb 29, 2008
Approval Date: Jan 26, 2015

PINS Date: Oct 2, 2015
Public Review Start: Sep 20, 2019
Approval Date: Mar 3, 2020

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)
www.thecleantrust.org

ANSI/IICRC S100-2015, Standard for Professional Cleaning of Textile Floor Coverings (new standard)
PINS Date: Jun 22, 2012
Public Review Start: Aug 1, 2014
Approval Date: Mar 6, 2015

PINS Date: Dec 4, 2009
Public Review Start: Jun 26, 2015
Approval Date: Oct 6, 2015

ANSI/IICRC S520-2015, Standard for Professional Mold Remediation (new standard)
PINS Date: Jan 27, 2012
Public Review Start: Jun 28, 2019
Approval Date: Oct 6, 2015

ANSI/IICRC S540-2017, Standard for Trauma and Crime Scene Remediation (new standard)
PINS Date: Apr 15, 2016
Public Review Start: Jun 28, 2019
Approval Date: Mar 10, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date: Oct 15, 2010
- Public Review Start: Jan 25, 2013
- Approval Date: Oct 18, 2013

- PINS Date: May 15, 2015
- Public Review Start: Jun 19, 2015
- Approval Date: May 23, 2016

- PINS Date: Sep 4, 2009
- Public Review Start: Feb 13, 2015
- Approval Date: Aug 31, 2015

- PINS Date: Jan 19, 2018
- Public Review Start: Jan 18, 2019
- Approval Date: Sep 26, 2019

- PINS Date: Feb 24, 2017
- Public Review Start: May 10, 2019
- Approval Date: Dec 5, 2019

- PINS Date: Jul 7, 2017
- Public Review Start: Feb 28, 2020
- Approval Date: May 14, 2020

**ANSI N14.5-2014**, Leakage Tests on Packages for Shipment (new standard)
- PINS Date: Jul 20, 2012
- Approval Date: Jun 19, 2014

**ANSI N14.7-2013**, Guidance for Packaging Type A Quantities of Radioactive Materials (new standard)
- PINS Date: May 1, 2009
- Public Review Start: Feb 1, 2013
- Approval Date: Apr 15, 2013

**INMM (ASC N15)** (Institute of Nuclear Materials Management)
- www.inmm.org

- PINS Date: Jun 2, 2006
- Public Review Start: Aug 13, 2010
- Approval Date: Nov 30, 2010

- PINS Date: Jun 1, 2012
- Public Review Start: Sep 1, 2017
- Approval Date: Oct 27, 2017

- PINS Date: Nov 14, 2008
- Public Review Start: May 2, 2014
- Approval Date: Oct 20, 2014
Approved American National Standards

PINS Date: Feb 28, 2014
Public Review Start: Apr 25, 2014
Approval Date: Jun 10, 2015

IREC (Interstate Renewable Energy Council, Inc.)
www.irecusa.org

ANSI/IREC 14732-2014, General Requirements for the Accreditation of Clean Energy Certificate Programs (new standard)
PINS Date: Jan 3, 2014
Public Review Start: Feb 28, 2014
Approval Date: Jun 18, 2014

IS&T (The Society for Imaging Science & Technology)
www.imaging.org

PINS Date: Aug 8, 2008
Public Review Start: Jul 25, 2014
Approval Date: Jan 28, 2015

ANSI/IS&T IT10.7000-2015, Photography - Digital still cameras - Guidelines for reporting pixel-related specifications (new standard)
PINS Date: Aug 8, 2008
Public Review Start: Jul 25, 2014
Approval Date: Jan 28, 2015

ISA (Organization) (International Society of Automation)
www.isa.org

ANSI/ISA 100.11a-2011, Wireless Systems for Industrial Automation: Process Control and Related Applications (new standard)
PINS Date: Jul 9, 2010
Public Review Start: Dec 24, 2010
Approval Date: Dec 14, 2011

PINS Date: Dec 17, 2010
Public Review Start: Mar 13, 2015
Approval Date: Jul 9, 2015

ANSI/ISA 107.01-2013, Industry Standard File Format for Revolution-Based Tip Timing Data (new standard)
PINS Date: Aug 24, 2012
Public Review Start: Sep 28, 2012
Approval Date: Jan 29, 2013

ANSI/ISA 18.2-2016, Management of alarm systems for the process industries (revision of ANSI/ISA 18.2-2009)
PINS Date: Jul 25, 2014
Public Review Start: Nov 20, 2015
Approval Date: Mar 17, 2016

ANSI/ISA 5.1-2009, Instrumentation Symbols and Identification (new standard)
PINS Date: Apr 6, 2001
Public Review Start: May 22, 2009
Approval Date: Sep 18, 2009

ANSI/ISA 50.00.01-1975 (R2017), Compatibility of Analog Signals for Electronic Industrial Process Instruments (reaffirmation of ANSI/ISA 50.00.01-1975 (R2012))
PINS Date: Public Review Start: Apr 28, 2017
Approval Date: Dec 21, 2017

ISA (ASC Z133) (International Society of Arboriculture)
www.isa-arbor.com

PINS Date: Jan 18, 2013
Public Review Start: Nov 18, 2016
Approval Date: Oct 5, 2017
ANSI/ISA 61511-1-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and software requirements (identical national adoption of IEC 61511-1 Ed. 2.0)
PINS Date: Apr 15, 2016
Public Review Start: Oct 27, 2017
Approval Date: Jul 11, 2018
IEC Adoption

ANSI/ISA 61511-2-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC-61511-1 (identical national adoption of IEC 61511-2 Ed. 2.0)
PINS Date: Sep 16, 2016
Public Review Start: Oct 27, 2017
Approval Date: Jul 11, 2018
IEC Adoption

ANSI/ISA 61511-3 (84.00.01)-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels (identical national adoption of IEC 61511-3 Ed. 2.0)
PINS Date: Sep 16, 2016
Approval Date: Apr 17, 2018
IEC Adoption

ANSI/ISA 61804-3-2016, Functions Blocks (FB) for process control and Electric Device Description Language (EDDL) - Part 3: EDDL Syntax and semantics (identical national adoption of IEC 61804-3:2015)
PINS Date: Oct 2, 2015
Public Review Start: Nov 20, 2015
Approval Date: Mar 21, 2016
IEC Adoption

ANSI/ISA 61804-4-2016, Functions Blocks (FB) for process control and Electric Device Description Language (EDDL) - Part 4: EDDL interpretation (identical national adoption of IEC 61804-4:2015)
PINS Date: Oct 2, 2015
Public Review Start: Nov 20, 2015
Approval Date: Mar 21, 2016
IEC Adoption

ANSI/ISA 61804-5-2016, Functions Blocks (FB) for process control and Electric Device Description Language (EDDL) - Part 5: EDDL Built-in library (identical national adoption of IEC 61804-5:2015)
PINS Date: Oct 2, 2015
Public Review Start: Nov 20, 2015
Approval Date: Mar 21, 2016
IEC Adoption

ANSI/ISA 62381-2012, Automation Systems in the Process Industry - Factory Acceptance Test (FAT), Site Acceptance Test (SAT), and Site Integration Test (SIT) (national adoption with modifications of ISO 62381)
PINS Date: Apr 3, 2009
Public Review Start: Sep 16, 2011
Approval Date: Jan 31, 2012
ISO Adoption

ANSI/ISA 62382-2012, Control Systems in the Process Industry - Electrical and Instrumentation Loop Check (national adoption with modifications of IEC 62382)
PINS Date: Jan 2, 2009
Approval Date: Jun 5, 2012
IEC Adoption

ANSI/ISA 62443-2-4-2018, Security for Industrial Automation and Control Systems Part 2-4: Security program requirements for IACS service providers (identical national adoption of IEC 62443-2-4)
PINS Date: Apr 29, 2016
Public Review Start: Mar 9, 2018
Approval Date: Jul 13, 2018
IEC Adoption

ANSI/ISA 62443-3 (99.03.03)-2013, Security for industrial automation and control systems - Part 3-3: System security requirements and security levels (new standard)
PINS Date: Jul 9, 2010
Public Review Start: Feb 8, 2013
Approval Date: Aug 12, 2013

ANSI/ISA 62443-4-1-2018, Security for industrial automation and control systems Part 4-1: Product security development life-cycle requirements (new standard)
PINS Date: Sep 16, 2011
Public Review Start: Oct 6, 2017
Approval Date: Feb 16, 2018

ANSI/ISA 62443-4-2-2018, Security for industrial automation and control systems Part 4-2: Technical security requirements for IACS (new standard)
PINS Date: Sep 16, 2011
Public Review Start: Apr 13, 2018
Approval Date: Aug 13, 2018

ANSI/ISA 62443-4-2-2018, Security for industrial automation and control systems Part 4-2: Technical security requirements for IACS (new standard)
ANSI/ISA 62453-1 (103.00.01)-2018, Field device tool (FDT) interface specification - Part 1: Overview and guidance (national adoption of IEC 62453-1 with modifications and revision of ANSI/ISA 62453-1 (103.00.01)-2011)
PINS Date: Mar 18, 2016
Public Review Start: Jul 27, 2018
Approval Date: Sep 21, 2018
IEC Adoption

ANSI/ISA 62453-2 (103.00.02)-2018, Field device tool (FDT) interface specification - Part 2: Concepts and detailed description (national adoption of IEC 62453-2 with modifications and revision of ANSI/ISA 62453-2 (103.00.02)-2011)
PINS Date: Mar 18, 2016
Public Review Start: Jul 27, 2018
Approval Date: Sep 21, 2018
IEC Adoption

ANSI/ISA 62453-301 (103.00.03)-2018, Field device tool (FDT) interface specification - Part 301: Communication profile integration - IEC 61784 CPF 1 (national adoption of IEC 62453-301 with modifications and revision of ANSI/ISA 62453-301 (103.00.03)-2011)
PINS Date: Feb 16, 2018
Public Review Start: Jul 27, 2018
Approval Date: Sep 21, 2018
IEC Adoption

PINS Date: Feb 16, 2018
Public Review Start: Jul 27, 2018
Approval Date: Sep 21, 2018
IEC Adoption

ANSI/ISA 62453-303-1 (103.00.05)-2018, Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2 (identical national adoption of IEC 62453-303-1 and revision of ANSI/ISA 62453-303-1 (103.00.05)-2011)
PINS Date: Jul 20, 2018
Public Review Start: Sep 14, 2018
Approval Date: Nov 12, 2018
IEC Adoption

PINS Date: Jul 20, 2018
Public Review Start: Sep 14, 2018
Approval Date: Nov 12, 2018
IEC Adoption

ANSI/ISA 62453-306 (103.00.07)-2011, Field device tool (FDT) interface specification - Part 306: Communication profile integration - IEC 61784 CPF 6 (national adoption with modifications of IEC 62453-306)
PINS Date: Sep 4, 2009
Public Review Start: Oct 8, 2010
Approval Date: May 31, 2011
IEC Adoption

ANSI/ISA 62453-309 (103.00.08)-2018, Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9 (national adoption of IEC 62453-309 with modifications and revision of ANSI/ISA 62453-309 (103.00.08)-2011)
PINS Date: Feb 16, 2018
Public Review Start: Sep 21, 2018
Approval Date: Nov 12, 2018
IEC Adoption

ANSI/ISA 62453-315 (103.00.09)-2018, Field device tool (FDT) interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15 (national adoption of IEC 62453-315 with modifications and revision of ANSI/ISA 62453-315 (103.00.09)-2011)
PINS Date: Jul 20, 2018
Public Review Start: Sep 7, 2018
Approval Date: Nov 12, 2018
IEC Adoption

ANSI/ISA 62769-1-2016, Field Device Integration (FDI) - Part 1: Overview (identical national adoption of IEC 62769-1)
PINS Date: Oct 2, 2015
Public Review Start: Nov 20, 2015
Approval Date: Mar 21, 2016
IEC Adoption

PINS Date: Oct 2, 2015
Public Review Start: Nov 20, 2015
Approval Date: Mar 21, 2016
IEC Adoption
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-103-1-2016, Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS (identical national adoption of IEC 62769-103-1:2015)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-103-4-2016, Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET (identical national adoption of IEC 62769-103-4:2015)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-2-2016, Field Device Integration (FDI) - Part 2: FDI Client (identical national adoption of IEC 62769-2)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-3-2016, Field Device Integration (FDI) - Part 3: FDI Server (identical national adoption of IEC 62769-3:2015)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-4-2016, Field Device Integration (FDI) - Part 4: FDI Packages (identical national adoption of IEC 62769-4:2015)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-5-2016, Field Device Integration (FDI) - Part 5: FDI Information Model (identical national adoption of IEC 62769-5:2015)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-6-2016, Field Device Integration (FDI) - Part 6: FDI Technology Mapping (identical national adoption of IEC 62769-6:2015)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 62769-7-2016, Field Device Integration (FDI) - Part 7: FDI Communication Devices (identical national adoption of IEC 62769-7:2015)
- PINS Date: Oct 2, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 21, 2016

IEC Adoption

ANSI/ISA 67.01.01-2019, Transducer and Transmitter Installation for Nuclear Safety Applications (new standard)
- PINS Date: Jul 13, 2018
- Public Review Start: Jun 14, 2019
- Approval Date: Nov 11, 2019

ANSI/ISA 67.02.01-2014, Nuclear Safety-Related Instrument Sensing Line Piping and Tubing Standard for Use in Nuclear Power Plants (new standard)
- PINS Date: 
- Public Review Start: Jan 24, 2014
- Approval Date: Apr 4, 2014

ANSI/ISA 67.04.01-2018, Setpoints for Nuclear Safety-Related Instrumentation (revision of ANSI/ISA 67.04.01-2006 (R2011))
- PINS Date: Jul 8, 2016
- Public Review Start: Jul 13, 2018
- Approval Date: Dec 11, 2018

- PINS Date: Aug 24, 2012
- Approval Date: Aug 16, 2013

IEC Adoption
ANSI/ISA 75.01.01 (60534-2-1 Mod)-2012, *Industrial-Process Control Valves - Part 2-1: Flow capacity - Sizing equations for fluid flow under installed conditions* (national adoption of IEC 60534-2-1 with modifications and revision of ANSI/ISA 75.01.01 (IEC 60534-2-1 Mod)-2007)
- PINS Date: Oct 7, 2011
- Public Review Start: Jun 15, 2012
- Approval Date: Aug 27, 2012
  
  *IEC Adoption*
  
ANSI/ISA 75.02.01-2008 (IEC 60534-2-3 Mod), *Control Valve Capacity Test Procedures* (new standard)
- PINS Date: Sep 28, 2007
- Approval Date: Apr 21, 2009
  
  *IEC Adoption*
  
ANSI/ISA 75.05.01-2019, *Control Valve Terminology* (revision of ANSI/ISA 75.05.01-2016)
- PINS Date: Nov 9, 2018
- Public Review Start: Jan 18, 2019
- Approval Date: May 14, 2019

ANSI/ISA 75.08.01-2016, *Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies* (Classes 125, 150, 250, 300, and 600) (revision of ANSI/ISA 75.08.01-2002 (R2007))
- PINS Date: Oct 7, 2011
- Approval Date: Jul 28, 2016

ANSI/ISA 75.08.02-2003 (R2017), *Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600)* (reaffirmation of ANSI/ISA 75.08.02-2003 (R2009))
- PINS Date: Oct 28, 2016
- Approval Date: Feb 23, 2017

ANSI/ISA 75.08.03-2001 (R2013), *Face-to-Face Dimensions for Socket Weld-End and Screwed-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500)* (reaffirmation of ANSI/ISA 75.08.03-2001 (R2007))
- PINS Date: Nov 9, 2012
- Approval Date: Jan 30, 2013

ANSI/ISA 75.08.04-2007 (R2013), *Face-to-Face Dimensions for Butt weld-End Globe-Style Control Valves (Class 4500)* (reaffirmation of ANSI/ISA 75.08.04-2007)
- Public Review Start: Nov 9, 2012
- Approval Date: Jan 30, 2013

ANSI/ISA 75.08.05-2016, *Face-to-Face Dimensions for Butt weld-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500)* (revision of ANSI/ISA 75.08.05-2002 (R2007))
- PINS Date: Oct 7, 2011
- Approval Date: Jul 28, 2016

ANSI/ISA 75.08.06-2002 (R2013), *Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500)* (reaffirmation of ANSI/ISA 75.08.06-2002 (R2007))
- Public Review Start: Nov 9, 2012
- Approval Date: Jan 30, 2013

ANSI/ISA 75.08.07-2001 (R2013), *Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600)* (reaffirmation of ANSI/ISA 75.08.07-2001 (R2007))
- Public Review Start: Nov 9, 2012
- Approval Date: Jan 30, 2013

ANSI/ISA 75.08.08-2015, *Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (Classes 150, 300, and 600)* (revision of ANSI/ISA 75.08.08-1999 (R2007))
- PINS Date: Oct 7, 2011
- Approval Date: Dec 30, 2015

ANSI/ISA 75.08.09-2016, *Face-to-Face Dimensions for Sliding Stem Flangeless Control Valves (Classes 150, 300, and 600)* (revision of ANSI/ISA 75.08.09-2005 (R2010))
- PINS Date: Feb 27, 2015
- Public Review Start: Nov 20, 2015
- Approval Date: Mar 11, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Revision Information</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/ISA 75.10.01-2013</td>
<td>General Requirements for Clamp or Pinch Valves</td>
<td>(revision of ANSI/ISA 75.10.01-2008)</td>
<td>Nov 9, 2012</td>
<td>Oct 4, 2013</td>
<td>Dec 20, 2013</td>
</tr>
<tr>
<td>ANSI/ISA 75.10.02-2014</td>
<td>Installed Face-to-Face Dimensions for Dual Pinch Flanged Clamp or Pinch Valves</td>
<td>(Classes 125 and 150)</td>
<td>Jul 2, 2010</td>
<td>Jan 31, 2014</td>
<td>Apr 15, 2014</td>
</tr>
<tr>
<td>ANSI/ISA 75.11.01-2013</td>
<td>Inherent Flow Characteristic and Rangeability of Control Valves</td>
<td>(revision of ANSI/ISA 75.11.01-1985 (R2002))</td>
<td>Aug 8, 2008</td>
<td>Nov 9, 2012</td>
<td>Jan 30, 2013</td>
</tr>
<tr>
<td>ANSI/ISA 77.42.01-2019</td>
<td>Fossil Fuel Power Plant Feedwater Control System</td>
<td>(revision of ANSI/ISA 77.42.01-1999 (R2011))</td>
<td>Dec 18, 2015</td>
<td>Dec 16, 2016</td>
<td>Mar 12, 2019</td>
</tr>
<tr>
<td>ANSI/ISA 77.43.01-2014</td>
<td>Fossil Fuel Power Plant Unit/Plant Demand Development</td>
<td>(revision of ANSI/ISA S77.43.01-1994 (R2008))</td>
<td>Nov 23, 2012</td>
<td>Sep 26, 2014</td>
<td>Dec 22, 2014</td>
</tr>
<tr>
<td>ANSI/ISA 77.44.01-2007 (R2013)</td>
<td>Fossil Fuel Power Plant Steam Temperature Controls</td>
<td>(reaffirmation of ANSI/ISA 77.44.01-2007)</td>
<td></td>
<td>May 4, 2012</td>
<td>Mar 7, 2013</td>
</tr>
</tbody>
</table>
ANSI/ISA 77.82.01-2019, Selective Catalytic Reduction (SCR) Control Systems (revision of ANSI/ISA 77.82.01-2011)
PINS Date: Dec 18, 2015
Public Review Start: Jan 25, 2019
Approval Date: Jun 3, 2019

ANSI/ISA 84.91.01-2012, Identification and Mechanical Integrity of Instrumented Safety Functions in the Process Industry (revision and redesignation of ANSI/ISA 91.00.01-1995 (R2001))
PINS Date: Jun 16, 2006
Public Review Start: Apr 8, 2011
Approval Date: Sep 20, 2012

ANSI/ISA 88.00.01-2010, Batch Control Part 1: Models and Terminology (new standard)
PINS Date: Feb 2, 2007
Public Review Start: Jul 23, 2010
Approval Date: Dec 6, 2010

ANSI/ISA 95.00.01 (IEC 62264-1 Modified)-2010, Enterprise-Control System Integration - Part 1: Models and Terminology (national adoption of IEC 62264-1 with modifications and revision of ANSI/ISA 95.00.01-2000)
PINS Date: Mar 14, 2008
Public Review Start: Jul 31, 2009
Approval Date: May 13, 2010
IEC Adoption

ANSI/ISA 95.00.02-2018, Enterprise-Control System Integration - Part 2: Objects and Attributes for enterprise-control (national adoption of IEC 62264-2 with modifications and revision of ANSI/ISA 95.00.02 (IEC 62264-2 Modified)-2010)
PINS Date: Apr 24, 2015
Public Review Start: Feb 23, 2018
Approval Date: May 24, 2018
IEC Adoption

ANSI/ISA 95.00.03 (IEC 62264-3 Modified)-2013, Enterprise-Control System Integration - Part 3: Activity Models of Manufacturing Operations Management (national adoption with modifications of IEC 62264-3)
PINS Date: Mar 14, 2008
Public Review Start: Feb 8, 2013
Approval Date: Jul 8, 2013
IEC Adoption

ANSI/ISA 95.00.04-2018, Enterprise-Control System Integration - Part 4: Object model attributes for manufacturing operations management integration (revision of ANSI/ISA 95.00.04-2012)
PINS Date: Feb 19, 2016
Public Review Start: Feb 23, 2018
Approval Date: May 24, 2018

ANSI/ISA 95.00.05-2018, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA 95.00.05-2013)
PINS Date: Mar 30, 2018
Public Review Start: Sep 14, 2018
Approval Date: Dec 3, 2018

ANSI/ISA 95.00.06-2014, Enterprise-Control System Integration - Part 6: Messaging Service Model (new standard)
PINS Date: Sep 6, 2013
Public Review Start: Apr 4, 2014
Approval Date: Oct 10, 2014

ANSI/ISA 95.00.07-2018, Enterprise-Control System Integration - Part 7: Alias Service Model (new standard)
PINS Date: May 16, 2014
Public Review Start: Jun 16, 2017
Approval Date: Sep 28, 2017

ANSI/ISA 95.00.08-2020, Enterprise-Control System Integration - Part 8: Information Exchange Profiles (new standard)
PINS Date: Sep 16, 2016
Public Review Start: Dec 27, 2019
Approval Date: May 8, 2020

ANSI/ISA 96.02.01-2016, Guidelines for the Specification of Electric Valve Actuators (revision of ANSI/ISA 96.02.01-2008)
PINS Date: Aug 3, 2012
Public Review Start: Dec 25, 2015
Approval Date: Mar 17, 2016

ANSI/ISA 96.03.01-2019, Guidelines for the Specification of Heavy Duty Pneumatically Powered Quarter Turn Scotch Yoke Valve Actuators (revision of ANSI/ISA 96.03.01-2012)
PINS Date: Apr 21, 2017
Public Review Start: Jul 13, 2018
Approval Date: Feb 3, 2020
Approved American National Standards

ANSI/ISA 96.03.02-2015, Guidelines for the Specification of Pneumatic Rack and Pinion Actuators (new standard)
PINS Date: May 18, 2012
Public Review Start: May 15, 2015
Approval Date: Jul 28, 2015

ANSI/ISA 96.03.03-2013, Guidelines for the Specification of Pneumatic Vane Type Valve Actuators (new standard)
PINS Date: May 18, 2012
Public Review Start: Dec 28, 2012
Approval Date: Mar 7, 2013

ANSI/ISA 96.03.04-2019, Guidelines for the Specification of Linear Piston Pneumatic Actuators (new standard)
PINS Date: Nov 18, 2016
Public Review Start: Jul 19, 2019
Approval Date: Apr 27, 2020

ANSI/ISA 96.06.01-2014, Guidelines for the Specification of Self Contained Electro-Hydraulic Valve Actuators (new standard)
PINS Date: May 18, 2012
Public Review Start: May 2, 2014
Approval Date: Sep 10, 2014

ANSI/ISA 96.08.01-2017, Guidelines for the Specification of Linear and Rotary Gas Over Oil Valve Actuators (new standard)
PINS Date: May 13, 2016
Approval Date: Feb 23, 2017

ISANTA (International Staple, Nail and Tool Association)

ANSI SNT-101-2015, Safety Requirements for Portable, Compressed-Air-Actuated Fastener Driving Tools (new standard)
PINS Date: Jul 10, 2009
Approval Date: Apr 7, 2015

ISDI (ASC MH2) (Industrial Steel Drum Institute)
www.whysteeldrums.org

ANSI ASC MH2-2018, Standard for Materials Handling (Containers) - Steel Drums and Pails (new standard)
PINS Date: Mar 31, 2017
Public Review Start: Jan 15, 2019
Approval Date: Mar 7, 2013

ISEA (International Safety Equipment Association)
www.safetyequipment.org

ANSI/ISEA 101-2014 (R2019), Limited-Use and Disposable Coveralls - Size and Labeling Requirements (reaffirmation of ANSI/ISEA 101-2014)
PINS Date:
Public Review Start: Jul 19, 2019
Approval Date: Oct 7, 2019

ANSI/ISEA 102-1990 (R2015), Gas Detector Tube Units - Short Term Type for Toxic Gases and Vapors in Working Environments (reaffirmation of ANSI/ISEA 102-1990 (R2009))
PINS Date:
Public Review Start: Jan 2, 2015
Approval Date: Feb 26, 2015

ANSI/ISEA 105-2016, Hand Protection Classification (revision of ANSI/ISEA 105-2011)
PINS Date: Jun 19, 2015
Public Review Start: Oct 9, 2015
Approval Date: Jan 12, 2016

PINS Date: Apr 4, 2014
Public Review Start: Oct 9, 2015
Approval Date: Feb 1, 2016

ANSI/ISEA 121-2018, Dropped Object Prevention Solutions (new standard)
PINS Date: Dec 25, 2015
Public Review Start: May 11, 2018
Approval Date: Jul 2, 2018

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 578
Approved American National Standards

ANSI/ISEA 125-2014, Conformity Assessment of Safety and Personal Protective Equipment (new standard)
PINS Date: May 21, 2010
Public Review Start: Oct 18, 2013
Approval Date: Feb 5, 2014

ANSI/ISEA 138-2019, Performance and Classification for Impact-Resistant Gloves (new standard)
PINS Date: Oct 13, 2017
Public Review Start: Nov 2, 2018
Approval Date: Feb 19, 2019

ANSI/ISEA 201-2019, Insulation and Wash Durability Classification of Apparel Used in Cold Work Environments (revision of ANSI/ISEA 201-2012)
PINS Date: Jan 30, 2015
Public Review Start: Jun 7, 2019
Approval Date: Aug 19, 2019

PINS Date: Nov 2, 2007
Public Review Start: Jan 26, 2018
Approval Date: Apr 24, 2018

ANSI/ISEA Z308.1-2015, Minimum Requirements for Workplace First Aid Kits and Supplies (revision of ANSI/ISEA Z308.1-2014)
PINS Date: Mar 20, 2015
Public Review Start: May 8, 2015
Approval Date: Jun 17, 2015

PINS Date: Sep 14, 2012
Approval Date: Jan 8, 2015

ANSI/ISEA Z89.1-2014 (R2019), Industrial Head Protection (reaffirmation of ANSI/ISEA Z89.1-2014)
PINS Date: Jan 22, 2016
Public Review Start: Feb 15, 2019
Approval Date: Apr 26, 2019

ISEA (ASC Z87) (International Safety Equipment Association)
www.safetyequipment.org

ANSI/ISEA Z87.1-2020, Occupational and Education Personal Eye and Face Protection Devices (revision of ANSI ISEA Z87.1-2015)
PINS Date: Jun 3, 2016
Public Review Start: Aug 16, 2019
Approval Date: Mar 11, 2020

ISTA (International Safe Transit Association)
www.ista.org

ANSI/ISTA Procedure 3E-2017, Similar Packaged-Products in Unitized Loads for Truckload Shipment (new standard)
PINS Date: May 27, 2016
Public Review Start: Sep 23, 2016
Approval Date: Aug 16, 2017

ITI (INCITS) (InterNational Committee for Information Technology Standards)
www.incits.org

INCITS 100-1989 [S2020], Interface Between DTE & DCE for Packet Mode Operation with Packet Switch Data Communications Networks (CCITT X.25) (stabilized maintenance of INCITS 100-1989 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010

INCITS 100a-1991 [S2020], Information Systems - Interface between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Operation with Packet-Switched Data Communications Networks (PSDN), or between Two DTEs, by Dedicated Circuit Addendum (stabilized maintenance of INCITS 100a-1991 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010
INCITS 103-1983 [S2011], Unrecorded Magnetic Tape Minicassette For Information Interchange, Coplanar 3.81 mm (0.150 Inch) (stabilized maintenance of INCITS 103-1983 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 29, 2011

INCITS 103-1983 [S2011], Unrecorded Magnetic Tape Minicassette For Information Interchange, Coplanar 3.81 mm (0.150 Inch) (stabilized maintenance of INCITS 103-1983 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 29, 2011

INCITS 11-1990 [S2017], General Purpose Paper Cards for Information Processing (stabilized maintenance of INCITS 11-1990 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Aug 21, 2007

INCITS 11-1990 [S2017], General Purpose Paper Cards for Information Processing (stabilized maintenance of INCITS 11-1990 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Aug 21, 2007

INCITS 111-1986 [S2017], Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-M (stabilized maintenance of INCITS 111-1986 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 111-1986 [S2017], Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-M (stabilized maintenance of INCITS 111-1986 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 112-1984 [S2017], 14-inch (356-mm) Diameter and Low Surface Friction Magnetic Storage Disk (stabilized maintenance of INCITS 112-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 12, 2007

INCITS 112-1984 [S2017], 14-inch (356-mm) Diameter and Low Surface Friction Magnetic Storage Disk (stabilized maintenance of INCITS 112-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 12, 2007

INCITS 113-1987 [S2018], Information Systems - Programming Language - Full BASIC (stabilized maintenance of INCITS 113-1987 (R2003))
PINS Date:
Approval Date: Jun 19, 2008

INCITS 113-1987 [S2018], Information Systems - Programming Language - Full BASIC (stabilized maintenance of INCITS 113-1987 (R2003))
PINS Date:
Approval Date: Jun 19, 2008

INCITS 113a-1989 [S2018], Information Systems - Programming Languages - Modules and Individual Character Input for Full BASIC (stabilized maintenance of INCITS 113a-1989 (R2003))
PINS Date:
Approval Date: Jun 19, 2008

INCITS 113a-1989 [S2018], Information Systems - Programming Languages - Modules and Individual Character Input for Full BASIC (stabilized maintenance of INCITS 113a-1989 (R2003))
PINS Date:
Approval Date: Jun 19, 2008

INCITS 115-1984 [S2017], Unformatted 80 Megabyte Trident Pack for Use at 370 TPI and 6000 BPI - Physical, Mechanical and Magnetic Characteristics (stabilized maintenance of INCITS 115-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 115-1984 [S2017], Unformatted 80 Megabyte Trident Pack for Use at 370 TPI and 6000 BPI - Physical, Mechanical and Magnetic Characteristics (stabilized maintenance of INCITS 115-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 116-1986 [S2017], Recorded Magnetic Tape Cartridge for Information Interchange 4-Track, Serial 0.250 in (6.30 mm) 6400 BPI (252 BPMM) Inverted Modified Frequency Modulation Encoded (stabilized maintenance of INCITS 116-1986 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 116-1986 [S2017], Recorded Magnetic Tape Cartridge for Information Interchange 4-Track, Serial 0.250 in (6.30 mm) 6400 BPI (252 BPMM) Inverted Modified Frequency Modulation Encoded (stabilized maintenance of INCITS 116-1986 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 23, 2007

PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 23, 2007

INCITS 118-1998 [S2018], Personal Identification Number - PIN Pad (stabilized maintenance of INCITS 118-1998 (R2003))
PINS Date:
Public Review Start: Feb 1, 2008
Approval Date: Jun 30, 2008

INCITS 118-1998 [S2018], Personal Identification Number - PIN Pad (stabilized maintenance of INCITS 118-1998 (R2003))
PINS Date:
Public Review Start: Feb 1, 2008
Approval Date: Jun 30, 2008

INCITS 119-1984 [S2017], Contact Start/Stop Storage Disk, 158361 Flux Transitions per Track, 8.268 Inch (210 mm) Outer Diameter and 3.937 Inch (100 mm) Inner Diameter (stabilized maintenance of INCITS 119-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 119-1984 [S2017], Contact Start/Stop Storage Disk, 158361 Flux Transitions per Track, 8.268 Inch (210 mm) Outer Diameter and 3.937 Inch (100 mm) Inner Diameter (stabilized maintenance of INCITS 119-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 120-1984 [S2017], Contact Start/Stop Storage Disk, 95840 Flux Transitions per Track, 7.874 Inch (200 mm) Outer Diameter and 2.500 Inch (63.5 mm) Inner Diameter (stabilized maintenance of INCITS 120-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 120-1984 [S2017], Contact Start/Stop Storage Disk, 95840 Flux Transitions per Track, 7.874 Inch (200 mm) Outer Diameter and 2.500 Inch (63.5 mm) Inner Diameter (stabilized maintenance of INCITS 120-1984 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007
INCITS 121-1984 [S2011], Two-Sided Unformatted 8-Inch (200 MM) Double Density Flexible Disk Cartridge (For 13262 FTPR Two-headed Application) (Combined with Project 287) (stabilized maintenance of INCITS 121-1984 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 29, 2011

INCITS 124-1985 [S2012], Information processing systems - Computer graphics - Graphical Kernel System (GKS) Functional Description (stabilized maintenance of INCITS 124-1985 (R2007))
PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 28, 2011

PINS Date:
Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009

PINS Date:
Public Review Start: Dec 25, 2009
Approval Date: Mar 24, 2010

INCITS 125-1985 [S2011], Two-Sided, Double-Density, Unformatted 5.25 Inch (130 mm) 48-tpi (1.9 tpmm) Flexible Disk Cartridge for 7958 BPR Use (stabilized maintenance of INCITS 125-1985 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 29, 2011

INCITS 126-1986 [S2017], One- and Two-Sided Double Density Unformatted 5.25 Inch (130 mm) 96 Tracks per Inch (3.8 Tracks per mm) Flexible Disk Cartridge - General, Physical, and Magnetic Requirements for 7958 BPR Use (stabilized maintenance of INCITS 126-1986 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 127-1987 [S2017], Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.250 Inch (6.30 mm), 6400-10 000 ftpi (252-394 ftpm) (stabilized maintenance of INCITS 127-1987 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date:
Public Review Start: Feb 1, 2013
Approval Date: May 6, 2013

INCITS 136-1986 [S2017], Serial Recorded Magnetic Tape Cartridge for Information Interchange, Four and Nine Track, 0.250 Inch (6.30 mm), 8000 bpi (315 bpmm), Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 136-1986 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 137-1988 [S2018], Information Systems - One- and Two-sided, Unformatted, 90-mm (3.5-in), 5.3-tpmm (135-tpi) Flexible Disk Cartridge for 7958 BPR Use - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 137-1988 (R2004))
PINS Date:
Approval Date: Dec 19, 2008
PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012

INCITS 139-1987 [S2017], Information Systems - Fiber Distributed Data Interface (FDDI) - Token Ring Media Access Control (MAC) (stabilized maintenance of INCITS 139-1987 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

PINS Date:
Approval Date: Dec 17, 2008

INCITS 149-1986 [R2017], Financial Transaction Card Formsets - Location of Imprinted Information (reaffirmation of INCITS 149:1986 [R2012])
PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Nov 2, 2017

INCITS 150-1987 [S2017], Business Machines, Data Processing Equipment and Business Forms - Character and Line Spacing (stabilized maintenance of INCITS 150-1987 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 23, 2007

INCITS 151-1987 [S2017], Bond Papers and Index Bristols - Common Sheet Sizes (stabilized maintenance of INCITS 151-1987 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date:
Public Review Start: May 13, 2009
Approval Date: May 21, 2009

INCITS 157-1987 [S2018], Recorded Magnetic Tape for Information Interchange 0.5 in (12.7 mm), Tape, Nine Track, 3200 CPI (126 CPMM), Phase Encoded (stabilized maintenance of INCITS 157-1987 (R2003))
PINS Date:
Approval Date: Jun 19, 2008

INCITS 158-1987 [S2018], Serial Recorded Magnetic Tape Cassette for Information Interchange - 0.150 in ((3.82 mm), 8000 bpi (315 bpmm) Group Code Recording Streaming Mode, Four Tracks (stabilized maintenance of INCITS 158-1987 (R2003))
PINS Date:
Approval Date: Jun 19, 2008

INCITS 150-1988 [S2019], Information Systems - Two-Sided, High-Density, Unformatted, 5.25-inch (130-mm), 96-tpi (3.8 tpmm), Flexible Disk Cartridge for 13 262 ftpr Use - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 162-1988 (R2004))
PINS Date:
Approval Date: Apr 3, 2009
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 29, 2017

PINS Date:
Public Review Start: Aug 19, 2005
Approval Date: Sep 6, 2006

INCITS 163-1988 [S2017], Information Systems - Contact Start/Stop Metallic Film Storage Disk - 83,333 Flux Transitions Per Track, 130-mm (5.118-in) Outer Diameter and 40-mm (1.575-in) Inner Diameter (stabilized maintenance of INCITS 163-1988 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 164-1990 [S2011], Unrecorded Magnetic Tape Cassette for Information Interchange 3.81 mm (0.150 In), 252 to 394 ftpmm (6400 to 10000 fpi) (stabilized maintenance of INCITS 164-1990 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 29, 2011

INCITS 165-1992 [S2017], Information Systems - Programming Language - DIBOL (stabilized maintenance of INCITS 165-1992 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 23, 2007

INCITS 166-1989 [S2020], Fiber Distributed Data Interface (FDDI) Physical Layer, Medium Dependent (PMD) (stabilized maintenance of INCITS 166-1989 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010

INCITS 17-1981 [S2017], Character Set for Optical Character Recognition (OCR-A) (stabilized maintenance of INCITS 17-1981 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 12, 2007

INCITS 171-1989 [S2020], One and Two-Sided, High Density, Unformatted, 90-mm (3.5 in), 5.3 tpm (135-tpi), Flexible Disk Cartridge for 15 916 bpr Use - General, Physical and Magnetic Requirements (stabilized maintenance of INCITS 171-1989 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010

PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012

INCITS 175:1999 [S2013], 19-mm Type ID-1 Recorded Instrumentation - Digital Cassette Tape Form (stabilized maintenance of INCITS 175-1999 (R2008))
PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013

INCITS 178-1990 [S2020], Packet-Switched Signalling System Between Public Networks Providing Data Transmission Services (stabilized maintenance of INCITS 178-1990 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010
INCITS 178a-1991 [S2020], Packet-Switched Signalling System Between Public Networks Providing Data Transmission Services - Addendum (stabilized maintenance of INCITS 178a-1991 (R2005))

PINS Date: Public Review Start: Feb 12, 2010 Approval Date: Jul 7, 2010

INCITS 179-1990 [S2017], 95-mm Diameter Rigid Digital Recording Disk (stabilized maintenance of INCITS 179-1990 (R2002))

PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 23, 2007

INCITS 18-1974 [S2020], Punched paper tape - Dimensions and location of feed holes and code holes (stabilized maintenance of INCITS 18-1974 (R2005))

PINS Date: Public Review Start: Feb 12, 2010 Approval Date: Jul 7, 2010

INCITS 180-1990 [S2011], Magnetic Tape and Cartridge for Information Interchange, 18-Track, Parallel, 12.65mm (1/2 in.) 1491 cpmm (37 871 cpi) Group-Coded, Requirements for Recording (stabilized maintenance of INCITS 180-1990 (R2006))

PINS Date: Public Review Start: Aug 26, 2011 Approval Date: Dec 29, 2011

INCITS 18093:1999 [S2010], Information technology - Data Interchange on 130 mm Optical Disk Cartridges of Type WORM (Write Once Read Many) using Irreversible Effects - Capacity: 5.2 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 18093:1999 (R2006))

PINS Date: Public Review Start: Sep 9, 2011 Approval Date: Dec 14, 2011 ISO JTC 1 Adoption

INCITS 181-1990 [S2011], Recorded Magnetic Tape Cartridge for Information Interchange 0.500 in, 22 and 48 Tracks Serial Serpentine, 6 667 and 10 000 bpi (stabilized maintenance of INCITS 181-1990 (R2006))

PINS Date: Public Review Start: Aug 26, 2011 Approval Date: Dec 29, 2011


PINS Date: Public Review Start: Apr 20, 2007 Approval Date: Jul 23, 2007


PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 3, 2016

INCITS 184:1993 [S2013], Fiber Distributed Data Interface (FDDI) Single Mode Physical Layer Medium Dependent (SMF-PMD) (stabilized maintenance of INCITS 184-1993 (S2008))

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013

INCITS 186-1992 [S2017], Information Systems - Fiber-Distributed Data Interface (FDDI) - Hybrid Ring Control (HRC) (stabilized maintenance of INCITS 186-1992 (R2002))

PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 23, 2007


PINS Date: Public Review Start: Aug 26, 2011 Approval Date: Dec 29, 2011

INCITS 189-1991 [S2017], Information Systems - Interface between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Terminals Operating in the Packet Mode and Accessing a Packet-Switched Public Data Network Through Switched Access (stabilized maintenance of INCITS 189-1991 (R2002))

PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 23, 2007
PINS Date: Public Review Start: Feb 12, 2010 Approval Date: Jul 7, 2010

INCITS 197-1991 [S2017], Information Systems - Unrecorded Magnetic Tape and Cartridge for Information Interchange 1/2 in (12.65 mm), Serial Serpentine, 22-Track, 6667 ftpi (262 ftpmm) and 48-Track, 10,000 ftpi (394 ftpmm) (stabilized maintenance of INCITS 197-1991 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 23, 2007

PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012

INCITS 20-1967 [S2020], Take-up Reels for One Inch Perforated Tape for Information Interchange (stabilized maintenance of INCITS 20-1967 (R2005))
PINS Date: Public Review Start: Feb 12, 2010 Approval Date: Jul 7, 2010

INCITS 203-1992 [S2017], Information Systems - Helical-Scan Digital Computer Tape Cartridge for Information Interchange (3.81 mm (0.150 in) Digital Data Storage (DDS) Recorded Format) (stabilized maintenance of INCITS 203-1992 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 24, 2007

INCITS 204-1992 [S2017], Information Systems - Recorded Magnetic Tape for Information Interchange, 15 and 18 Track, 0.250-inch (6.35-mm) 10 000-bpi (394-bppm) Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 204-1992 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 12, 2007

INCITS 205-1992 [S2017], Helical-Scan Digital Computer Tape Cartridge, 3.81 mm (0.150 in), DATA/DAT Recorded Format for Information Interchange (stabilized maintenance of INCITS 205-1992 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 12, 2007

INCITS 207-1991 [S2012], Office Machines and Supplies - Alphanumeric Machines - Alternate Keyboard Arrangement (stabilized maintenance of INCITS 207-1991 (R2007))
PINS Date: Public Review Start: Aug 3, 2012 Approval Date: Oct 5, 2012

PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 23, 2007

INCITS 21-1967 [S2017], Rectangular Holes in Twelve-Row Punched Cards (stabilized maintenance of INCITS 21-1967 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 24, 2007

INCITS 210-2008 [S2013], Information technology - High-Performance Parallel Interface - Framing Protocol (HIPPI-FP) (stabilized maintenance of INCITS 210-2008)
PINS Date: Public Review Start: Mar 22, 2013 Approval Date: Jun 26, 2013

INCITS 212-1992 [S2012], Information Systems - 130-mm Rewritable Optical Disk Cartridge for Information Interchange (stabilized maintenance of INCITS 212-1992 (R2007))
PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012
PINS Date: Public Review Start: Nov 7, 2008 Approval Date: Feb 2, 2009

PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Mar 16, 2018

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015

INCITS 220-1992 [S2012], Information Systems - Digital Information Interchange 130-mm Optical Disk Cartridges of the Write-Once, Read Multiple (WORM) Type, Using the Magnetic-Optical Effect (stabilized maintenance of INCITS 220-1992 (R2007))
PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012

INCITS 222-1997 [S2012], Information technology - High-Performance Parallel Interface - Switch Control (HIPPI-SC) (stabilized maintenance of INCITS 222-1997 (R2007))
PINS Date: Public Review Start: Jun 1, 2012 Approval Date: Aug 14, 2012

INCITS 223-1995 [S2011], Data Compression Algorithm - Adaptive Coding with Embedded Dictionary (DCLZ Algorithm) for Information Interchange (stabilized maintenance of INCITS 223-1995 (R2006))
PINS Date: Public Review Start: Aug 26, 2011 Approval Date: Dec 29, 2011

INCITS 224-1994 [S2018], Extended Tape Format for Information Interchange, (18-Track, Parallel, 12.65 mm (0.50 in), 1491 cpmm (37 871 cpi), Group-Coded Recording) (stabilized maintenance of INCITS 224-1994 (R2004))
PINS Date: Public Review Start: Oct 17, 2008 Approval Date: Dec 17, 2008

INCITS 225-1994 [S2018], Compaction Algorithm, Binary Arithmetic Coding (stabilized maintenance of INCITS 225-1994 (R2004))
PINS Date: Public Review Start: Oct 17, 2008 Approval Date: Dec 17, 2008

PINS Date: Public Review Start: Oct 17, 2008 Approval Date: Dec 17, 2008

INCITS 227-1996 [S2011], Recorded Magnetic Tape Mini-Cartridge for Information Interchange - Serial, 0.250 in (6.30 mm) 20 Tracks, 10 000 bpi (394 bpm) and 28-Track, 14 700 bpi (579 bpm), MFM Encoded (stabilized maintenance of INCITS 227-1996 (R2006))
PINS Date: Public Review Start: Aug 26, 2011 Approval Date: Dec 29, 2011

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 586
<table>
<thead>
<tr>
<th>INCITS</th>
<th>Title</th>
<th>PINS Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
</table>
INCITS 244-1995 [S2020], Information Technology - Test Methods for Media Characteristics - 90 mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridges with Continuous Composite Servo (CCS) (stabilized maintenance of INCITS 244-1995 (R2005))
PINS Date:
Public Review Start:  Oct 16, 2009
Approval Date: Jan 4, 2010

PINS Date:
Public Review Start:  Aug 26, 2011
Approval Date: Dec 28, 2011

INCITS 246-1994 [S2019], Information Processing Systems - Test Methods for Media Characteristics of 90mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridge with Discrete Block Format (DBF) (stabilized maintenance of INCITS 246-1994 (R2004))
PINS Date:
Public Review Start:  Nov 7, 2008
Approval Date:  Feb 2, 2009

PINS Date:
Public Review Start:  Aug 26, 2011
Approval Date: Dec 28, 2011

INCITS 249-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 10 000 - 14 700 ftpi (394 579 ftpmm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 2000, 2060, 2080, 2120) (stabilized maintenance of INCITS 249-1995 (R2005))
PINS Date:
Public Review Start:  Feb 12, 2010
Approval Date: Jul 7, 2010

INCITS 250-1996 [S2011], Recorded Magnetic Tape Mini-Cartridge for Information Interchange, 0.25 in (630 mm)12 and 24 Track, 10000 bpi (394 bpmm) GCR (stabilized maintenance of INCITS 250-1996 (R2006))
PINS Date:
Public Review Start:  Aug 26, 2011
Approval Date: Dec 28, 2011

INCITS 251-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 20 000 ftpi (787 ftpm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 6320, 6525, 6080, 6081) (stabilized maintenance of INCITS 251-1995 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010

PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017

PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012

INCITS 258-1997 [S2012], Fibre Distributed Data Interface (FDDI) - Station Management-2 - Isochronous Services (SMT-2-IS) (stabilized maintenance of INCITS 258-1997 (R2007))
PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012
PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012

INCITS 261-1996 [S2011], Extended Magnetic Tape Format for Information Interchange 36-track, Parallel Serpentine, 12.65 mm (0.50 in), 1491 cpm (37 871 cpi) Group-Coded Recording (stabilized maintenance of INCITS 261-1996 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010

INCITS 263-1995 [S2020], Fiber Distributed Data interface (FDDI) Twisted Pair - Physical Medium Dependent (TP-PMD) (stabilized maintenance of INCITS 263-1995 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010

INCITS 264-1996 [S2011], Unrecorded Helical-Scan Digital Computer Tape Cartridge for Information Interchange, 19 mm (0.748 in) Type D-1 (stabilized maintenance of INCITS 264-1996 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

INCITS 265-1995 [S2011], Unrecorded Magnetic Tape Cartridge for Information Interchange, 36-Track, Parallel Serpentine, Extended Length, 12.57 mm (0.495 in), 1944 fpm (49 378 fpi), Group-Coded Recording (stabilized maintenance of INCITS 265-1995 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

INCITS 266-1996 [S2011], Magnetic Tape Cartridge for Information Interchange, .50 in (12.65 mm), Serial Serpentine, 112-Track, 42 500 bpi (1673 bpm) (DLT2 Format) (stabilized maintenance of INCITS 266-1996 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

INCITS 267-1996 [S2011], Helical-Scan Digital Computer Tape Cartridge, 12.65 mm (0.498 in) for Information Interchange (stabilized maintenance of INCITS 267-1996 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 29, 2011

PINS Date:
Approval Date: Jun 19, 2008

INCITS 273-1997 [S2012], Information Technology - CASE Tool Integration Messages (stabilized maintenance of INCITS 273-1997 (R2007))
PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012

INCITS 274-1996 [S2018], Information Technology - Programming Language REXX (stabilized maintenance of INCITS 274-1996 (R2007))
PINS Date:
Public Review Start: Jun 27, 2008
Approval Date: Oct 29, 2008
PINS Date:
Public Review Start:  Jun 27, 2008
Approval Date:  Oct 29, 2008

INCITS 278-1997 [S2012], Information Technology - Fibre distributed data interface (FDDI) - Physical Layer Repeater Protocol (PHY-REP) (stabilized maintenance of INCITS 278-1997 (R2007))
PINS Date:
Public Review Start:  Jul 6, 2012
Approval Date:  Sep 5, 2012

INCITS 280-1996 [S2011], Data Compression Algorithm Adaptive Lossless Data Compression (ALDC), Algorithm for Information Interchange (stabilized maintenance of INCITS 280-1996 (R2006))
PINS Date:
Public Review Start:  Aug 26, 2011
Approval Date:  Dec 28, 2011

INCITS 282-1996 [S2011], Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm) Serial Serpentine, 128-Track, 62 500 bpi (2460 bpmm), DLT3 Format (stabilized maintenance of INCITS 282-1996 (R2006))
PINS Date:
Public Review Start:  Aug 26, 2011
Approval Date:  Dec 28, 2011

INCITS 284-2011 [R2016], Information Technology - Identification Cards - Health Care Identification Cards (reaffirmation of INCITS 284-2011)
PINS Date:
Public Review Start:  Aug 12, 2016
Approval Date:  Nov 3, 2016

INCITS 286-1997 [S2012], Information Technology - Abstract Test Suite for FDDI Station Management Conformance Testing (FDDI SMT ATS) (stabilized maintenance of INCITS 286-1997 (R2007))
PINS Date:
Public Review Start:  Jul 6, 2012
Approval Date:  Sep 5, 2012

PINS Date:
Public Review Start:  Feb 12, 2010
Approval Date:  Jul 7, 2010

PINS Date:
Public Review Start:  Sep 2, 2011
Approval Date:  Dec 29, 2011

PINS Date:
Public Review Start:  Sep 2, 2011
Approval Date:  Dec 29, 2011

PINS Date:
Public Review Start:  Sep 2, 2011
Approval Date:  Dec 29, 2011

PINS Date:
Public Review Start:  Jun 1, 2012
Approval Date:  Aug 14, 2012

INCITS 30-1998 [S2018], Representation of Calendar Date and Ordinal Date for Information Interchange (stabilized maintenance of INCITS 30:1998 [R2013])
PINS Date:
Public Review Start:  Jul 27, 2018
Approval Date:  Dec 31, 2018
INCITS 300-1997 [S2012], Information technology - High-Performance Parallel Interface - Serial Specification (HIPPI-Serial) (stabilized maintenance of INCITS 300-1997 (R2007))
PINS Date: Public Review Start: Jun 1, 2012 Approval Date: Aug 14, 2012

PINS Date: Public Review Start: Feb 1, 2013 Approval Date: May 6, 2013

INCITS 303-1998 [S2013], Fibre Channel Physical and Signaling Interface-3 (FC-PH-3) (stabilized maintenance of INCITS 303-1998 (R2008))
PINS Date: Public Review Start: Mar 22, 2013 Approval Date: Jun 26, 2013

INCITS 305-1998 [R2018], Information technology - SCSI Enclosure Services (SES) (reaffirmation of INCITS 305-1998 [R2013])
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

PINS Date: Public Review Start: Apr 6, 2012 Approval Date: Jul 26, 2012

PINS Date: Public Review Start: Apr 6, 2012 Approval Date: Jul 24, 2012

PINS Date: Public Review Start: Apr 6, 2012 Approval Date: Jul 24, 2012

INCITS 31-2009 [R2019], Information Technology - Codes for the Identification of Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas (reaffirmation of INCITS 31-2009 [R2014])
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 1, 2019

INCITS 310-1998 [S2018], Information technology - Representation of Time for Information Interchange (stabilized maintenance of INCITS 310:1998 [R2013])
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
INCITS 311:1998 [S2013], Magnetic Tape Format for Information Interchange, 128-Track, Parallel Serpentine, 12.65 mm (1/2 in), 3400 bpm (86 360 bpi) Run Length Limited Recording (stabilized maintenance of INCITS 311-1998 (R2008))
PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013

INCITS 312:1998 [S2013], Magnetic Tape Cartridge 0.50 in (12.65 mm), Serial Serpentine, 112-Track, 81 600 bpi (3213 bpmm), DLT4 Format (stabilized maintenance of INCITS 312-1998 (R2008))
PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013

PINS Date:
Public Review Start: Feb 1, 2013
Approval Date: May 6, 2013

INCITS 315:1998 [S2013], Unrecorded magnetic tape cartridge for information interchange, 12.65 mm (0.498in), 128-track, parallel serpentine, 2550 ftpm (64 770 ftpi) (stabilized maintenance of INCITS 315-1998 (R2008))
PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013

PINS Date:
Public Review Start: Feb 1, 2013
Approval Date: May 6, 2013

INCITS 319-1998 [S2012], Information Technology - Programming Languages - Smalltalk (stabilized maintenance of INCITS 319-1998 (R2007))
PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 6, 2012

INCITS 320:1998 [R2013], Information technology - Spatial Data Transfer (reaffirmation of INCITS 320-1998 (R2008))
PINS Date:
Approval Date: Apr 11, 2013

INCITS 322-2015, Information technology - Card Durability Test Methods (revision of INCITS 322:2008 [R2013])
PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Oct 16, 2015

PINS Date:
Public Review Start: Mar 22, 2013
Approval Date: Jun 26, 2013

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 1, 2016

PINS Date:
Public Review Start: Feb 1, 2013
Approval Date: May 6, 2013

INCITS 328-2000 [S2015], Information Technology - 19 mm DD-2 Helical Scan Digital Computer Tape Cassette for Information Interchange (stabilized maintenance of INCITS 328:2000 [R2010])
PINS Date:
Approval Date: Dec 22, 2015
INCITS 329-2000 [S2015], Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine, 208-Track, 85 940 bpi (3383 bpmm), DLT 5 Format (stabilized maintenance of INCITS 329:2000 [R2010])
PINS Date:
Approval Date: Dec 22, 2015

INCITS 330-2000 [S2015], Information technology - Reduced Block Commands (RBC) (stabilized maintenance of INCITS 330:2000 [R2010])
PINS Date:
Approval Date: Dec 22, 2015

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018

INCITS 332-1999 [S2014], Information technology - Fibre Channel Arbitrated Loop (FC-AL-2) (stabilized maintenance of INCITS 332:1999 [R2009])
PINS Date:
Public Review Start: Jun 13, 2014
Approval Date: Dec 5, 2014

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 29, 2016

PINS Date:
Public Review Start: May 17, 2013
Approval Date: Nov 26, 2013

PINS Date:
Approval Date: Dec 22, 2015

INCITS 334-2000 [S2015], Information Technology - Magnetic Tape Cartridge for Information Interchange - 0.50 in (12.65 mm), Serial Serpentine 128-Track, 62 500 BPI (2 460 BPMM) DLT 3-XT Format (stabilized maintenance of INCITS 334:2000 [R2010])
PINS Date:
Approval Date: Dec 22, 2015

INCITS 335-2000 [R2015], Information technology - Small Computer System Interface (SCSI-3) Stream Commands (SSC) (reaffirmation of INCITS 335:2000 [R2010])
PINS Date:
Approval Date: Dec 21, 2015

PINS Date:
Approval Date: Dec 22, 2015

PINS Date:
Public Review Start: Sep 13, 2013
Approval Date: Dec 18, 2013

INCITS 34-1972 [S2020], Interchange Rolls of Perforated Tape for Information Interchange (stabilized maintenance of INCITS 34-1972 (R2005))
PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: Jul 7, 2010
INCITS 341:2000 [S2015], Information technology - 25.4 mm (1 in) Type DCRsi Recorded Instrumentation - Digital Cartridge Tape Format (stabilized maintenance of INCITS 341:2000 [R2010])
PINS Date:
Approval Date: Dec 22, 2015

INCITS 344-2001 [S2011], Information Technology - 12.65 mm wide Magnetic Tape Format for Information Interchange - Helical Scan Recording - Recorded Instrumentation Format (stabilized maintenance of INCITS 344-2001 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

INCITS 345-2001 [S2011], Magnetic Tape Cartridge for Information Interchange, 0.5 in (12.65 mm) Serial Serpentine, 208-Track, 98 250 BPI (3868 BPMM), DLT 6 Format (stabilized maintenance of INCITS 345-2001 (R2006))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018

PINS Date:
Public Review Start: Jun 1, 2012
Approval Date: Aug 14, 2012

INCITS 357-2002 [S2012], Information technology - Fibre Channel Virtual Interface Architecture Mapping Protocol (FC-VI) (stabilized maintenance of INCITS 357-2002 (R2007))
PINS Date:
Public Review Start: Jun 1, 2012
Approval Date: Aug 14, 2012

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017

INCITS 359-2012 [R2017], Information technology - Role Based Access Control (reaffirmation of INCITS 359-2012)
PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 6, 2017

INCITS 360-2002 [S2017], Information Technology -SCSI Multimedia Commands - 3 (MMC-3) (stabilized maintenance of INCITS 360:2002 [R2012])
PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 29, 2017

PINS Date:
Public Review Start: Apr 13, 2012
Approval Date: Jul 20, 2012

PINS Date:
Public Review Start: Nov 8, 2013
Approval Date: Jan 23, 2014
PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 19, 2017

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

INCITS 368-2003 [S2018], Information technology - SCSI Passive Interconnect Performance (PIP) (stabilized maintenance of INCITS 368:2003 [R2013])
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

PINS Date: Public Review Start: May 9, 2014 Approval Date: Oct 20, 2014

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013

INCITS 373-2003 [S2013], Information technology - Fibre Channel Framing and Signaling Interface (FC-FS) (stabilized maintenance of INCITS 373:2003 [R2008])
PINS Date: Public Review Start: Oct 25, 2013 Approval Date: Dec 30, 2013

PINS Date: Public Review Start: Oct 25, 2013 Approval Date: Dec 30, 2013

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017
PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018

PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 4, 2019

PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 4, 2019

INCITS 381-2009 [S2019], Information Technology - Finger Image Based Data Interchange Format (stabilized maintenance of INCITS 381-2009 [R2014])
PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 4, 2019

INCITS 381-2009/AM 1:2011 [R2016], Information Technology - Finger Image Based Data Interchange Format - Amendment 1 (reaffirmation of INCITS 381-2009 AMENDMENT 1-2011)
PINS Date:  
Public Review Start:  Aug 12, 2016  
Approval Date:  Nov 3, 2016

INCITS 382-2004 [R2018], Information technology - SCSI Media Changer Command Set, version 2 (SMC-2) (reaffirmation of INCITS 382:2004 [R2013])
PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018

INCITS 382-2004 [R2018], Information technology - SCSI Media Changer Command Set, version 2 (SMC-2) (reaffirmation of INCITS 382:2004 [R2013])
PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018

INCITS 383-2008 [R2018], Information Technology - Biometric Profile - Interoperability and Data Interchange - Biometrics Based Verification and Identification of Transportation Workers (reaffirmation of INCITS 383:2008 [R2013])
PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018

INCITS 383-2008 [R2018], Information Technology - Biometric Profile - Interoperability and Data Interchange - Biometrics Based Verification and Identification of Transportation Workers (reaffirmation of INCITS 383:2008 [R2013])
PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018

INCITS 385-2004 [S2019], Information technology - Face Recognition Format for Data Interchange (stabilized maintenance of INCITS 385-2004 [R2014])
PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 4, 2019

INCITS 385-2004 [S2019], Information technology - Face Recognition Format for Data Interchange (stabilized maintenance of INCITS 385-2004 [R2014])
PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 4, 2019

PINS Date:  
Public Review Start:  Jun 13, 2014  
Approval Date:  Dec 5, 2014

PINS Date:  
Public Review Start:  Jun 13, 2014  
Approval Date:  Dec 5, 2014

INCITS 39-1986 [S2017], Recorded Magnetic Tape for Information Interchange (1600 CPI, PE) (stabilized maintenance of INCITS 39-1986 (R2002))
PINS Date:  
Public Review Start:  Apr 6, 2007  
Approval Date:  Jul 12, 2007

INCITS 39-1986 [S2017], Recorded Magnetic Tape for Information Interchange (1600 CPI, PE) (stabilized maintenance of INCITS 39-1986 (R2002))
PINS Date:  
Public Review Start:  Apr 6, 2007  
Approval Date:  Jul 12, 2007
  PINS Date:
  Public Review Start:  Sep 25, 2015
  Approval Date:  Dec 15, 2015

  PINS Date:
  Public Review Start:  Jul 27, 2018
  Approval Date:  Dec 31, 2018

INCITS 399-2004 [S2014], Information technology - Fibre Channel Switch Application Programming Interface (FC-SWAPI) (stabilized maintenance of INCITS 399:2004 [R2009])
  PINS Date:
  Public Review Start:  Jun 13, 2014
  Approval Date:  Dec 5, 2014

INCITS 4-1986 [R2017], Information Systems - Coded Character Sets - 7-Bit Standard Code for Information Interchange (7-Bit ASCII) (reaffirmation of INCITS 4:1986 [R2012])
  PINS Date:
  Public Review Start:  Jun 9, 2017
  Approval Date:  Nov 2, 2017

INCITS 40-1993 [S2018], Unrecorded Magnetic Tape for Information Interchange (9-Track, 800 CPI, NRZI; 1600 CPI, PE; and 6250 CPI, GCR) (stabilized maintenance of INCITS 40-1993 [R2003])
  PINS Date:
  Approval Date:  Jun 19, 2008

INCITS 401-2005 [S2015], Information technology - SCSI Multimedia Commands - 4 (MMC-4) (stabilized maintenance of INCITS 401:2005 [R2010])
  PINS Date:
  Approval Date:  Dec 22, 2015

INCITS 403-2005 [R2015], Information technology - Automation/Drive Interface - Commands (ADC) (reaffirmation of INCITS 403:2005 [R2010])
  PINS Date:
  Approval Date:  Dec 21, 2015

INCITS 404-2006 [S2016], Information technology - Fibre Channel Physical Interfaces - 2 (FC-PI-2) (stabilized maintenance of INCITS 404:2006 [R2011])
  PINS Date:
  Approval Date:  Nov 3, 2016

INCITS 405-2005 [S2015], Information technology - SCSI Block Commands - 2 (SBC-2) (stabilized maintenance of INCITS 405:2005 [R2010])
  PINS Date:
  Approval Date:  Dec 22, 2015

  PINS Date:
  Approval Date:  Dec 21, 2015

INCITS 409.4-2006 [R2016], Information technology - Biometric Performance Testing and Reporting - Part 4: Operational Testing Methodologies (reaffirmation of INCITS 409.4:2006 [R2011])
  PINS Date:
  Public Review Start:  Aug 12, 2016
  Approval Date:  Nov 3, 2016

INCITS 409.5-2011 [R2016], Information Technology - Biometric Performance Testing and Reporting - Part 5: Framework for Testing and Evaluation of Biometric System(s) for Access Control (reaffirmation of INCITS 409.5-2011)
  PINS Date:
  Public Review Start:  Aug 12, 2016
  Approval Date:  Nov 3, 2016
PINS Date: Oct 7, 2011
Public Review Start: Feb 6, 2015
Approval Date: May 19, 2015

INCITS 411-2007 [S2017], Information technology - iSCSI Management API, Version 1.1.6 (stabilized maintenance of INCITS 411:2007 [R2012])
PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Nov 3, 2016

INCITS 413-2007 [S2017], Information technology - RapidIO(TM) Interconnect Specification (version 1.3) (stabilized maintenance of INCITS 413:2007 [R2012])
PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 29, 2017

INCITS 414-2006 [S2016], Information technology - Fibre Channel Backbone - Generation 3 (FC-BB-3) (stabilized maintenance of INCITS 414:2006 [R2011])
PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Nov 29, 2016

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Nov 2, 2017

INCITS 417-2006 [S2016], Information technology - Serial Attached SCSI-2 (SAS-1.1) (stabilized maintenance of INCITS 417:2006 [R2011])
PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Dec 2, 2016

INCITS 418-2006 [R2016], Information technology - Switch Fabric - Generation 4 (FC-SW-4) (reaffirmation of INCITS 418:2006 [R2011])
PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Dec 27, 2016

INCITS 419-2008 [S2018], Information technology - Fibre Channel Backbone (FC-BB-4) (stabilized maintenance of INCITS 419:2008 [R2013])
PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 6, 2018

PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018

PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018

INCITS 423.4-2009 [S2019], Information Technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards- Part 4: Conformance Testing Methodology for INCITS 381-2004, Finger Image-Based Data Interchange Format (stabilized maintenance of INCITS 423.4-2009 [R2014])
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 4, 2019
PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

INCITS 426-2007 [S2017], Information technology - Fibre Channel Security Protocols (FC-SP) (stabilized maintenance of INCITS 426:2007 [R2012])
PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

INCITS 427-2007 [S2017], Information technology - Fibre Channel Generic Services-5 (FC-GS-5) (stabilized maintenance of INCITS 427:2007 [R2012])
PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

INCITS 431-2007 [R2017], Information technology - SCSI/ATA Translation (SAT) (reaffirmation of INCITS 431:2007 [R2012])
PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 19, 2017

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 4, 2017

INCITS 435-2007 [S2017], Information technology - Fibre Channel BaseT (FC-BaseT) (stabilized maintenance of INCITS 435:2007 [R2012])
PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 29, 2017

INCITS 437-2008 (S2018), Information technology - Fibre Channel - SATA Tunneling Protocol (FC-SATA) (stabilized maintenance of INCITS 437:2008 [R2013])
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 7, 2018
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 7, 2018

INCITS 440-2015, Information technology - Card Durability / Service Life (revision of INCITS 440:2008 [R2013])
PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Oct 16, 2015

PINS Date:
Public Review Start: Feb 1, 2013
Approval Date: Apr 12, 2013

INCITS 442:2010 [R2015], Information Technology - Biometric Identity Assurance Services (BIAS) (reaffirmation of INCITS 442-2010)
PINS Date:
Approval Date: Dec 17, 2015

INCITS 443-2008 [S2018], Information technology - Fibre Channel Storage Network PING (SNPing) (stabilized maintenance of INCITS 443:2008 [R2013])
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 7, 2018

INCITS 444-2008 [S2018], Information Technology - Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same to the Limit of the Twelve-Mile Statutory Zone (reaffirmation of INCITS 446:2008 [R2013])
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018

PINS Date:
Public Review Start: Feb 1, 2013
Approval Date: Apr 12, 2013

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 6, 2018

INCITS 450-2009 [S2019], Information technology - Fibre Channel - Physical Interface - 4 (FC-PI-4) (stabilized maintenance of INCITS 450-2009 [R2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 4, 2019

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Oct 18, 2018

INCITS 452-2009 [R2019], Information technology - AT Attachment-8 ATA/ATAPI Command Set (ATA8-ACS) (reaffirmation of INCITS 452-2009 [R2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Oct 29, 2019
PINS Date:
Approval Date: Dec 21, 2015

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 1, 2019

INCITS 455-2009 [R2019], Information Technology - Codes for the Identification of Congressional Districts and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas (reaffirmation of INCITS 455-2009 [R2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 1, 2019

INCITS 457-2010 [R2015], Information technology - Serial Attached SCSI - 2 (SAS-2) (reaffirmation of INCITS 457-2010)
PINS Date:
Approval Date: Dec 21, 2015

INCITS 458-2011 [R2016], Information technology - SCSI Object-Based Storage Device Commands-2 (OSD-2) (reaffirmation of INCITS 458-2011 )
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 27, 2016

INCITS 459-2011 [R2016], Information Technology - Requirements for the Implementation and Interoperability of Role Based Access Control (reaffirmation of INCITS 459-2011)
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 29, 2016

PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 460-2011 [R2016], Information technology - Fibre Channel - Physical Interface - 3 (FC-PI-3) (reaffirmation of INCITS 460-2011)
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 27, 2016

INCITS 461-2010 [R2015], Information technology - Fibre Channel - Switch Fabric - 5 (FC-SW-5) (reaffirmation of INCITS 461-2010)
PINS Date:
Approval Date: Dec 21, 2015

PINS Date:
Approval Date: Dec 21, 2015

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Jan 17, 2018

INCITS 463-2010 [R2015], Information technology - Fibre Channel - Generic Services - 6 (FC-GS-6) (reaffirmation of INCITS 463-2010)
PINS Date:
Approval Date: Dec 21, 2015
INCITS 464-2010 [R2015], Information technology - Information Management - Extensible Access Method (XAM™) (reaffirmation of INCITS 464-2010)

PINS Date: 
Approval Date: Dec 21, 2015

INCITS 465-2010 [R2015], Information technology - SCSI/ATA Translation - 2 (SAT-2) (reaffirmation of INCITS 465-2010)

PINS Date: 
Approval Date: Dec 21, 2015


PINS Date: 
Public Review Start: Aug 12, 2016 
Approval Date: Dec 27, 2016

INCITS 467-2011 [R2016], Information technology - SCSI Stream Commands - 3 (SSC-3) (reaffirmation of INCITS 467-2011)

PINS Date: 
Public Review Start: Aug 12, 2016 
Approval Date: Dec 27, 2016

INCITS 468-2010 [R2015], Information technology - Multi-media Command Set - 6 (MMC-6) (reaffirmation of INCITS 468:2010)

PINS Date: 
Approval Date: Dec 21, 2015

INCITS 468-2010/AM1-2012 [R2017], Information technology - Multi-media Command Set - 6 (MMC-6) - Amendment 1 (reaffirmation of INCITS 468:2010/AM1:2012)

PINS Date: 
Public Review Start: Jun 9, 2017 
Approval Date: Dec 29, 2017

INCITS 469-2015, Information technology - Open Virtualization Format (OVF) specification (revision of INCITS 469-2010)

PINS Date: Feb 13, 2015 
Approval Date: Oct 30, 2015

INCITS 470-2011 [R2016], Information technology - Fibre Channel - Framing and Signaling - 3 (FC-FS-3) (reaffirmation of INCITS 470-2011)

PINS Date: 
Public Review Start: Aug 12, 2016 
Approval Date: Dec 27, 2016

INCITS 471-2010 [R2015], Information technology - USB Attached SCSI (UAS) (reaffirmation of INCITS 471-2010)

PINS Date: 
Approval Date: Dec 21, 2015


PINS Date: 
Public Review Start: Aug 12, 2016 
Approval Date: Dec 27, 2016


PINS Date: 
Public Review Start: Aug 12, 2016 
Approval Date: Nov 3, 2016

INCITS 474-2011 [R2016], Information Technology D Biometric Application Programming Interface D Java (BioAPI Java) (reaffirmation of INCITS 474-2011)

PINS Date: 
Public Review Start: Aug 12, 2016 
Approval Date: Nov 3, 2016
INCITS 475-2011 [R2016], Information Technology - Fibre Channel - Inter-Fabric Routing (FC-IFR) (reaffirmation of INCITS 475-2011)
PINS Date: 
Public Review Start:  Aug 12, 2016
Approval Date:  Dec 27, 2016

INCITS 477-2011 [R2016], Information Technology - Fibre Channel - Link Services - 2 (FC-LS-2) (reaffirmation of INCITS 477-2011)
PINS Date: 
Public Review Start:  Aug 12, 2016
Approval Date:  Dec 27, 2016

PINS Date: 
Public Review Start:  Aug 12, 2016
Approval Date:  Dec 27, 2016

INCITS 478-2011/AM 1-2014 [R2019], Information technology - Serial Attached SCSI - 2.1 (SAS-2.1) - Amendment 1 (reaffirmation of INCITS 478-2011/AM 1-2014)
PINS Date: 
Public Review Start:  Aug 2, 2019
Approval Date:  Oct 31, 2019

INCITS 479-2011 [R2016], Information Technology - Fibre Channel Ñ Physical Interface-5 - (FC-PI-5/AM1) (reaffirmation of INCITS 479-2011)
PINS Date: 
Public Review Start:  Aug 12, 2016
Approval Date:  Dec 27, 2016

INCITS 479-2011/AM 1-2016, Information Technology - Fibre Channel - Physical Interface-5 - Amendment 1 (FC-PI-5/AM1) (supplement to INCITS 479-2011)
PINS Date:  Apr 3, 2015
Public Review Start:  Mar 11, 2016
Approval Date:  Aug 29, 2016

INCITS 48-1986 [S2017], Magnetic Tape Cassette for Information Interchange, 3.81 mm (0.150 in) Tape at 32 bpm (800 bpi), PE (includes ANSI X3.48/TC-1-1995) (stabilized maintenance of INCITS 48-1986 (R2002))
PINS Date:  
Public Review Start:  Apr 6, 2007
Approval Date:  Jul 12, 2007

INCITS 48-1986/TC 1:1995 [S2016], Information Systems - Magnetic Tape Cassette for Information Interchange (3.81 mm, 0.150 inch) Tape at 32 bpm (800 BPI), Phase Enclosed - Technical Corrigendum 1 (stabilized maintenance of INCITS 48:1986/TC:1:1995 [R2006])
PINS Date:  
Public Review Start:  Aug 12, 2016
Approval Date:  Nov 3, 2016

INCITS 480-2011 [R2016], Information technology - BIOS Enhanced Disk Drive Services - 4 (EDD-4) (reaffirmation of INCITS 480-2011)
PINS Date:  
Public Review Start:  Aug 12, 2016
Approval Date:  Nov 29, 2016

INCITS 480-2011/AM1-2015, Information technology - BIOS Enhanced Disk Drive Specification - 4 (EDD-4) - Amendment 1 (supplement to ANSI INCITS 480-2011)
PINS Date:  
Public Review Start:  Mar 13, 2015
Approval Date:  Oct 2, 2015

INCITS 481-2011 [R2016], Information technology - Fibre Channel Protocol for SCSI - 4 (FCP-4) (reaffirmation of INCITS 481-2011)
PINS Date:  
Public Review Start:  Aug 12, 2016
Approval Date:  Dec 27, 2016

INCITS 481-2011/AM1-2018, Information technology - Fibre Channel Protocol for SCSI - 4 (FCP-4) - Amendment 1 (addenda to INCITS 481-2011 [R2016])
PINS Date:  May 13, 2016
Public Review Start:  Apr 28, 2017
Approval Date:  Mar 20, 2018
INCITS 482-2012 [R2017], Information technology - ATA/ATAPI Command Set - 2 (ACS-2) (reaffirmation of INCITS 482-2012)
PINS Date:   Public Review Start:   Jun 9, 2017
            Approval Date:   Dec 14, 2017

INCITS 483-2012 [R2017], Information Technology - Virtualization Management Specification (reaffirmation of INCITS 483-2012)
PINS Date:   Public Review Start:   Jun 9, 2017
            Approval Date:   Dec 29, 2017

INCITS 484-2012 [R2017], Information Technology – SCSI Media Changer Commands - 3 (reaffirmation of INCITS 484-2012)
PINS Date:   Public Review Start:   Jun 9, 2017
            Approval Date:   Dec 19, 2017

PINS Date:   Public Review Start:   Aug 2, 2019
            Approval Date:   Dec 9, 2019

INCITS 487-2018, Information technology - Fibre Channel - Link Services - 3 (FC-LS-3) (new standard)
PINS Date:   May 27, 2011
            Public Review Start:   Mar 3, 2017
            Approval Date:   Jul 10, 2018

INCITS 488-2016, Information technology - Fibre Channel Framing and Signaling 4 (FC-FS-4) (new standard)
PINS Date:   May 27, 2011
            Approval Date:   Dec 27, 2016

INCITS 489-2014 [R2019], Information technology - SCSI over PCIe (RTM) architecture (SOP) (reaffirmation of INCITS 489-2014)
PINS Date:   Public Review Start:   Aug 2, 2019
            Approval Date:   Dec 9, 2019

INCITS 49-1975 [S2017], Character Set for Optical Character Recognition (OCR-B) (stabilized maintenance of INCITS 49-1975 (R2002))
PINS Date:   Public Review Start:   Apr 6, 2007
            Approval Date:   Jul 12, 2007

INCITS 491-2017, Information technology - SCSI/ATA Translation - 4 (SAT-4) (new standard)
PINS Date:   Oct 14, 2011
            Public Review Start:   Dec 2, 2016
            Approval Date:   Jul 28, 2017

INCITS 492-2015, Information technology - SAS Protocol Layer - 3 (SPL-3) (new standard)
PINS Date:   Oct 14, 2011
            Public Review Start:   Jun 6, 2014
            Approval Date:   Jan 26, 2015

INCITS 493-2012 [R2017], Information Technology - AT Attachment-8 - Serial Transport (ATA8-AST) (reaffirmation of INCITS 493-2012)
PINS Date:   Public Review Start:   Jun 9, 2017
            Approval Date:   Dec 14, 2017

INCITS 494-2012 [R2017], Information technology - Role Based Access Control - Policy Enhanced (reaffirmation of INCITS 494-2012)
PINS Date:   Public Review Start:   Jun 9, 2017
            Approval Date:   Dec 4, 2017

INCITS 495-2012 [R2017], Information Technology Platform Management Volumes 1 and 2 (reaffirmation of INCITS 495-2012)
PINS Date:   Public Review Start:   Jun 9, 2017
            Approval Date:   Dec 29, 2017

INCITS 496-2012 [R2017], Information Technology - Fibre Channel - Security Protocols - 2 (FC-SP-2) (reaffirmation of INCITS 496-2012)
PINS Date:   Public Review Start:   Jun 9, 2017
            Approval Date:   Dec 29, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Action</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCITS 504-4-2013 [R2018]</td>
<td>Information technology -Generic Identity Command Set (GICS) - Part 4: Card Application Profile Template (reaffirmation of INCITS 504-4-2013)</td>
<td></td>
<td></td>
<td>Jul 27, 2018</td>
<td>Dec 31, 2018</td>
</tr>
</tbody>
</table>
INCITS 507-2016, *Information technology - PCIe® architecture Queueing Interface - 2 (PQI-2)* (new standard)
PINS Date: Oct 26, 2012
Public Review Start: Jan 29, 2016
Approval Date: May 27, 2016

PINS Date: Aug 2, 2019
Public Review Start: Aug 2, 2019
Approval Date: Nov 4, 2019

INCITS 509-2014 [R2019], *Information Technology - Fibre Channel - Backbone - 6 (FC-BB-6)* (reaffirmation of INCITS 509-2014)
PINS Date: Aug 2, 2019
Public Review Start: Aug 2, 2019
Approval Date: Dec 9, 2019

INCITS 510-2017, *Information technology - Fibre Channel – Generic Services – 7 (FC-GS-7)* (new standard)
PINS Date: Jan 29, 2010
Approval Date: Sep 28, 2017

INCITS 511-2016, *Information Technology - Fibre Channel - Switch Fabric - 6 (Fc-Sw-6)* (new standard)
PINS Date: Aug 28, 2009
Approval Date: Jul 7, 2016

INCITS 512-2015, *Information technology - Fibre Channel - Physical Interface - 6 (FC-PI-6)* (new standard)
PINS Date: Jul 23, 2010
Public Review Start: Apr 11, 2014
Approval Date: Jan 28, 2015

INCITS 513-2015, *Information technology - SCSI Primary Commands-4* (new standard)
PINS Date: Oct 15, 2004
Public Review Start: Jun 6, 2014
Approval Date: May 5, 2015

INCITS 514-2014 [R2019], *Information technology - SCSI Block Commands - 3 (SBC-3)* (reaffirmation of INCITS 514-2014)
PINS Date: Aug 29, 2019
Public Review Start: Aug 2, 2019
Approval Date: Dec 10, 2019

INCITS 515-2016, *Information technology - SCSI Architecture Model - 5 (SAM-5)* (new standard)
PINS Date: Aug 28, 2009
Public Review Start: Mar 18, 2016
Approval Date: Aug 29, 2016

INCITS 516-2013 [R2018], *Information technology - SCSI Stream Commands (SSC-4)* (reaffirmation of INCITS 516-2013)
PINS Date: Jul 27, 2018
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018

INCITS 517-2015, *Information Technology - SCSI /ATA Translation - 3 (SAT-3)* (new standard)
PINS Date: Jun 24, 2011
Approval Date: May 5, 2015

INCITS 518-2017, *Information technology - SCSI Enclosure Services - 3 (SES-3)* (new standard)
PINS Date: Mar 6, 2009
Public Review Start: Dec 2, 2016
Approval Date: Jul 28, 2017

INCITS 519-2014 [R2019], *Information technology - Serial Attached SCSI-3 (SAS-3)* (reaffirmation of INCITS 519-2014)
PINS Date: Aug 29, 2019
Public Review Start: Aug 2, 2019
Approval Date: Dec 16, 2019

INCITS 52-1976 [S2017], *Unrecorded Single Disk Cartridge (Front Loading, 22000 BPI), General, Physical, and Magnetic Requirements* (stabilized maintenance of INCITS 52-1976 (R2002)
PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>Date Approved</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCITS 534-2019</td>
<td>Information Technology - Serial Attached SCSI - 4 (SAS-4) (new standard)</td>
<td>Feb 8, 2019</td>
<td></td>
<td>Nov 15, 2013</td>
<td>Jul 6, 2018</td>
</tr>
</tbody>
</table>

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020    PAGE | 607
INCITS 536-2016/AM 1-2019, **Information technology - Zoned Block Commands - Amendment 1 (ZBC-AM 1)** (addenda to INCITS 536-2016)
PINS Date: Jun 8, 2018
Public Review Start: Aug 31, 2018
Approval Date: Feb 13, 2019

INCITS 537-2016, **Information technology – Zoned-device ATA Commands (ZAC)** (new standard)
PINS Date: Mar 14, 2014
Public Review Start: Jan 29, 2016
Approval Date: Oct 11, 2016

INCITS 537-2016/AM 1-2019, **Information technology - Zoned-device ATA Commands Amendment 1 (ZAC-AM 1)** (addenda to INCITS 537-2016)
PINS Date: Mar 23, 2018
Public Review Start: Oct 19, 2018
Approval Date: Sep 23, 2019

INCITS 538-2018, **Information technology - SAS Protocol Layer - 4 (SPL-4)** (new standard)
PINS Date: Mar 21, 2014
Public Review Start: Nov 17, 2017
Approval Date: Jul 26, 2018

INCITS 539-2016, **Information technology – Management of Security Credentials Specification** (new standard)
PINS Date: Apr 11, 2014
Public Review Start: Nov 13, 2015
Approval Date: Jul 1, 2016

INCITS 540-2018/AM 1-2019, **Information technology - Fibre Channel - Non-Volatile Memory Express - Amendment 1 (FC-NVMe-AM 1)** (addenda to INCITS 540-2018)
PINS Date: Jun 1, 2018
Public Review Start: Aug 24, 2018
Approval Date: Apr 30, 2019

INCITS 540-2018, **Information technology - Fibre Channel - Non-Volatile Memory Express** (new standard)
PINS Date: Jun 6, 2014
Public Review Start: Nov 3, 2017
Approval Date: Apr 5, 2018

INCITS 543-2019, **Information technology - Fibre Channel - Physical Interfaces - 7 (FC-PI-7)** (new standard)
PINS Date: Nov 28, 2014
Public Review Start: Aug 30, 2019
Approval Date: Nov 15, 2019

INCITS 543-2019, **Information technology - Fibre Channel - Single Byte Command Code Sets - 6 (FC-SB-6)** (new standard)
PINS Date: Apr 10, 2015
Public Review Start: Dec 2, 2016
Approval Date: Jun 12, 2018

INCITS 544-2018, **Information technology - Fibre Channel - Framing and Signaling - 5 (FC-FS-5)** (new standard)
PINS Date: Apr 3, 2015
Public Review Start: Aug 3, 2018
Approval Date: Apr 30, 2019

INCITS 547-2020, **Information technology - Fibre Channel - Switch Fabric - 7 (FC-SW-7)** (new standard)
PINS Date: Oct 30, 2015
Public Review Start: May 24, 2019
Approval Date: Feb 24, 2020

INCITS 548-2020, **Information technology - Fibre Channel - Generic Services - 8 (FC-GS-8)** (new standard)
PINS Date: Oct 30, 2015
Public Review Start: Sep 20, 2019
Approval Date: Mar 2, 2020

INCITS 55-1992 [S2017], **Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange - 0.250 Inch (6.30 mm), 1600 bpi (63 bpmm), Phase Encoded** (stabilized maintenance of INCITS 55-1992 (R2002))
PINS Date:
Public Review Start: Apr 6, 2007
Approval Date: Jul 12, 2007
PINS Date: Mar 25, 2016
Public Review Start: Jul 12, 2019
Approval Date: Nov 7, 2019

INCITS 556-2020, Fibre Channel – Non-Volatile Memory Express - 2 (FC-NVMe - 2) (new standard)
PINS Date: Feb 24, 2017
Public Review Start: Jan 3, 2020
Approval Date: May 28, 2020

INCITS 556-2020, Information technology - Next Generation Access Control (new standard)
PINS Date: Nov 30, 2018
Public Review Start: Oct 4, 2019
Approval Date: Apr 10, 2020

INCITS 556-2020, Information technology - Next Generation Access Control Amendment 1 (new standard)
PINS Date: Nov 30, 2018
Public Review Start: Oct 4, 2019
Approval Date: Apr 10, 2020

INCITS 56-1986 [S2017], Recorded Magnetic Tape Cartridge for Information Interchange (4-Track, 0.250 Inch, 1600 BPI, Phase Encoded) (stabilized maintenance of INCITS 56-1986 (R2002))
PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 565:2020, Information technology - Next Generation Access Control (new standard)
PINS Date: Nov 30, 2018
Public Review Start: Oct 4, 2019
Approval Date: Apr 10, 2020

PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

INCITS 72-1981 [S2017], Parallel Recorded Magnetic Tape Cartridge for Information Interchange, 4-Track, 0.250 Inch (6.30 mm), 1600 bpi (63 bpm), Phase Encoded (stabilized maintenance of INCITS 72-1981 (R2003))
PINS Date: Feb 22, 2008
Approval Date: Jun 19, 2008

PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date: Jun 27, 2008
Public Review Start: Jun 27, 2008
Approval Date: Oct 29, 2008

INCITS 76-1981 [S2017], Unformatted Single Disk Cartridge (Top Loading, 200 TPI, 4400 BPI) - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 76-1981 (R2002))
PINS Date: Apr 6, 2007
Public Review Start: Apr 6, 2007
Approval Date: Jul 24, 2007

PINS Date: Aug 26, 2011
Public Review Start: Aug 26, 2011
Approval Date: Dec 29, 2011

PINS Date: Aug 28, 2015
Approval Date: Dec 23, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Feb 22, 2008 Approval Date: Jun 19, 2008

INCITS 86-1980 [S2017], Inks, Optical Character Recognition (OCR) (stabilized maintenance of INCITS 86-1980 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 12, 2007

INCITS 89-1981 [S2017], Unrecorded Single-Disk Double-Density Cartridge (Front Loading, 2200 BPI, 200 TPI), General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 89-1981 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 24, 2007

PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 12, 2007

INCITS 94-1985 [S2017], Programming Aid to Numerically Controlled Manufacturing (PANCM) (stabilized maintenance of INCITS 94-1985 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 24, 2007

PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 24, 2007

INCITS 99-1983 (S2017), Guideline for Optical Character Recognition (OCR) Print Quality (stabilized maintenance of INCITS 99-1983 (R2002))
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Jul 24, 2007

INCITS X4.6-1979 [S2018], 10-Key Keyboard for Adding and Calculating Machines (stabilized maintenance of INCITS X4.6-1979 (R2003))
PINS Date: Public Review Start: Feb 22, 2008 Approval Date: Jun 19, 2008

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Jun 19, 2017
ISO JTC 1 Adoption

PINS Date: Mar 18, 2016
Public Review Start: Oct 7, 2016 Approval Date: Apr 27, 2017
ISO Adoption

PINS Date: Aug 11, 2017
Public Review Start: Nov 10, 2017 Approval Date: Feb 28, 2018
ISO Adoption
  PINS Date: Public Review Start: Aug 12, 2016
  Approval Date: Dec 15, 2016
  ISO Adoption

  PINS Date: Public Review Start: Aug 28, 2015
  Approval Date: Dec 23, 2015
  ISO Adoption

  PINS Date: Public Review Start: Jul 27, 2018
  Approval Date: Dec 31, 2018
  ISO Adoption

INCITS/ISO 19108:2002 [R2018], Geographic information - Temporal schema (reaffirm a national adoption INCITS/ISO 19108:2002 [R2013])
  PINS Date: Public Review Start: Jul 27, 2018
  Approval Date: Dec 31, 2018
  ISO Adoption

  PINS Date: Public Review Start: Aug 28, 2015
  Approval Date: Dec 23, 2015
  ISO Adoption

  PINS Date: Aug 11, 2017
  Public Review Start: Nov 10, 2017
  Approval Date: Feb 28, 2018
  ISO Adoption

  PINS Date: Aug 11, 2017
  Public Review Start: Nov 10, 2017
  Approval Date: Mar 16, 2018
  ISO Adoption

  PINS Date: Public Review Start: Aug 28, 2015
  Approval Date: Dec 23, 2015
  ISO Adoption

  PINS Date: Public Review Start: Jun 9, 2017
  Approval Date: Nov 2, 2017
  ISO Adoption

  PINS Date: Jun 28, 2019
  Public Review Start: Aug 9, 2019
  Approval Date: Nov 22, 2019
  ISO Adoption

  PINS Date: Public Review Start: Aug 2, 2019
  Approval Date: Nov 22, 2019
  ISO Adoption

  PINS Date: Jun 28, 2019
  Public Review Start: Aug 9, 2019
  Approval Date: Nov 22, 2019
  ISO Adoption
INCITS/ISO 19116:2004 [R2015], Geographic information - Positioning services (reaffirmation of INCITS/ISO 19116:2004 [R2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015
ISO Adoption

INCITS/ISO 19117:2012 [R2018], Geographic information -- Portrayal (reaffirm a national adoption INCITS/ISO 19117:2012 [2013])
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017
ISO Adoption

PINS Date: Aug 11, 2017 Public Review Start: Nov 10, 2017 Approval Date: Feb 28, 2018
ISO Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 15, 2016
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015
ISO Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015
ISO Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015
ISO Adoption

PINS Date: May 13, 2016 Public Review Start: Oct 7, 2016 Approval Date: Apr 27, 2017
ISO Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017
ISO Adoption

INCITS/ISO 19132:2007 [R2018], Geographic information - Location-based services - Reference model (reaffirm a national adoption INCITS/ISO 19132:2007 [R2013])
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 15, 2016
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017
ISO Adoption
PINS Date: Aug 11, 2017
Public Review Start: Nov 10, 2017
Approval Date: Feb 28, 2018
ISO Adoption

PINS Date: May 13, 2016
Approval Date: Jun 19, 2017
ISO Adoption

INCITS/ISO 19137:2007 [R2017], Geographic information - Core profile of the spatial schema (reaffirmation of INCITS/ISO 19137:2007 [R2012])
PINS Date: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO Adoption

PINS Date: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO Adoption

PINS Date: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO Adoption

PINS Date: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO Adoption

PINS Date: Aug 28, 2015
Approval Date: Dec 23, 2015
ISO Adoption

PINS Date: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO Adoption

PINS Date: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO Adoption

PINS Date: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO Adoption

INCITS/ISO 19148:2012 [R2017], Geographic information Linear referencing (reaffirmation of INCITS/ISO 19148:2012 [2012])
PINS Date: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO Adoption

PINS Date: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO Adoption
PINS Date: Mar 18, 2016  
Approval Date: Apr 27, 2017  
ISO Adoption  

PINS Date:  
Public Review Start: Jun 9, 2017  
Approval Date: Nov 2, 2017  
ISO Adoption  

INCITS/ISO 19157:2013 [R2019], Geographic information - Data quality (reaffirm a national adoption INCITS/ISO 19157:2013 [2014])  
PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 22, 2019  
ISO Adoption  

PINS Date: Oct 7, 2016  
Public Review Start: Nov 18, 2016  
Approval Date: Apr 20, 2017  
ISO Adoption  

PINS Date: Jul 27, 2018  
Public Review Start: Sep 7, 2018  
Approval Date: Mar 8, 2019  
ISO Adoption  

PINS Date: Mar 18, 2016  
Approval Date: Apr 27, 2017  
ISO Adoption  

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018  
ISO Adoption  

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Dec 22, 2019  
ISO Adoption  

PINS Date:  
Public Review Start: Sep 2, 2011  
Approval Date: Dec 21, 2011  
ISO Adoption  

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018  
ISO Adoption  

INCITS/ISO 3562:1976 [R2015], Information processing - Interchangeable magnetic single-disk cartridge (top loaded) - Physical and magnetic characteristics (reaffirmation of INCITS/ISO 3562:1976 [2010])  
PINS Date:  
Approval Date: Dec 22, 2015  
ISO Adoption  

PINS Date:  
Public Review Start: Apr 6, 2007  
Approval Date: Jul 12, 2007  
ISO Adoption
<table>
<thead>
<tr>
<th>INCITS/ISO 5654-1:1984 [R2015], Information processing - Data interchange on 200 mm (8 in) flexible disk cartridges using two-frequency recording at 13 262 fprad, 1,9 tpmm (48 tpi), on one side - Part 1: Dimensional, physical and magnetic characteristics (reaffirmation of INCITS/ISO 5654-1:1984 [2010])</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Aug 28, 2015</td>
</tr>
<tr>
<td>Approval Date: Dec 22, 2015</td>
</tr>
<tr>
<td>ISO Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jul 27, 2018</td>
</tr>
<tr>
<td>Approval Date: Dec 31, 2018</td>
</tr>
<tr>
<td>ISO Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INCITS/ISO 6596-1:1985 [R2015], Information processing - Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 fprad, 1.9 tpmm (48 tpi), on one side - Part 1: Dimensional, physical and magnetic characteristics (reaffirmation of INCITS/ISO 6596-1:1985 [2010])</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Aug 28, 2015</td>
</tr>
<tr>
<td>Approval Date: Dec 22, 2015</td>
</tr>
<tr>
<td>ISO Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jul 27, 2018</td>
</tr>
<tr>
<td>Approval Date: Dec 31, 2018</td>
</tr>
<tr>
<td>ISO Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Aug 2, 2019</td>
</tr>
<tr>
<td>Approval Date: Nov 22, 2019</td>
</tr>
<tr>
<td>ISO Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Apr 5, 2013</td>
</tr>
<tr>
<td>Approval Date: Jul 11, 2013</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INCITS/ISO 7487-2-1985 [S2012], Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 fprad, 1,9 tpmm (48 tpi), on Both Sides - Part 2: Track Format A (stabilized maintenance of INCITS/ISO 7487-2-1985 (R2007))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 8, 2012</td>
</tr>
<tr>
<td>Approval Date: Aug 23, 2012</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INCITS/ISO 8378-3-1986 [S2018], Information Processing - Data Interchange on 130mm (5.25in) flexible disk cartridges using modified frequency modulation recording at 7 958 fprad, 3,8 tpmm (96tpi) on both sides - Part 3: Track Format B (stabilized maintenance of ANSI/ISO 8378-3-1986 (R2003))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Feb 8, 2008</td>
</tr>
<tr>
<td>Approval Date: Jun 19, 2008</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Aug 19, 2011</td>
</tr>
<tr>
<td>Approval Date: Dec 14, 2011</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
</tr>
</tbody>
</table>
INCITS/ISO 8630-1:1987 [R2015], Information processing - Data interchange on 130 mm (5.25 in) flexible disk cartridges using modified frequency modulation recording at 13 262 fptrad, on 80 tracks on each side - Part 1: Dimensional, physical and magnetic characteristics (reaffirmation of INCITS/ISO 8630-1:1987 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO Adoption

PINS Date: Public Review Start: Aug 22, 2014 Approval Date: Nov 21, 2014 ISO Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO Adoption

PINS Date: Public Review Start: Aug 22, 2014 Approval Date: Nov 21, 2014 ISO Adoption

PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption
PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Sep 5, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Sep 5, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Sep 5, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Sep 5, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Sep 5, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Sep 6, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 22, 2014 Approval Date: Nov 21, 2014 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Nov 7, 2008 Approval Date: Feb 2, 2009

ISO JTC 1 Adoption


PINS Date: Public Review Start: Nov 7, 2008 Approval Date: Feb 2, 2009

ISO JTC 1 Adoption


PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Dec 31, 2018

ISO JTC 1 Adoption


PINS Date: Public Review Start: Aug 9, 2019 Approval Date: Nov 22, 2019

ISO JTC 1 Adoption


PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 29, 2016

ISO JTC 1 Adoption


PINS Date: Public Review Start: Jun 27, 2014 Approval Date: Dec 5, 2014

ISO JTC 1 Adoption


PINS Date: Public Review Start: Jun 27, 2014 Approval Date: Dec 5, 2014

ISO JTC 1 Adoption


PINS Date: Public Review Start: Jun 27, 2014 Approval Date: Dec 5, 2014

ISO JTC 1 Adoption


PINS Date: Public Review Start: Jun 27, 2014 Approval Date: Dec 5, 2014

ISO JTC 1 Adoption


PINS Date: Public Review Start: Apr 5, 2013 Approval Date: Jul 11, 2013

ISO JTC 1 Adoption


PINS Date: Public Review Start: Feb 9, 2018 Approval Date: Mar 8, 2019

ISO JTC 1 Adoption
PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 5, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 22, 2014
Approval Date: Nov 21, 2014
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 22, 2014
Approval Date: Nov 21, 2014
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 22, 2014
Approval Date: Nov 21, 2014
ISO JTC 1 Adoption
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Action</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jan 30, 2009 Approval Date: Apr 3, 2009 ISO JTC 1 Adoption

PINS Date: Jun 21, 2013
Public Review Start: Jul 26, 2013 Approval Date: Oct 3, 2013 ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption
PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019 
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jun 9, 2017  
Approval Date: Nov 2, 2017 
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jun 9, 2017  
Approval Date: Nov 2, 2017 
ISO JTC 1 Adoption

PINS Date:  
Approval Date: Dec 15, 2015 
ISO JTC 1 Adoption

PINS Date:  
Approval Date: Dec 15, 2015 
ISO JTC 1 Adoption

PINS Date:  
Approval Date: Dec 15, 2015 
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019 
ISO JTC 1 Adoption

PINS Date:  
Approval Date: Dec 22, 2015 
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018 
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018 
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 8, 2012
Approval Date: Aug 20, 2012
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 4, 2014
Approval Date: Nov 21, 2014
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 3, 2018
ISO JTC 1 Adoption
PINS Date: 
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: 
Approval Date: Dec 21, 2015
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: 
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Nov 3, 2016
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Oct 29, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

INCITS/ISO/IEC 11557:1992 [S2018], Information Technology - 3.81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical Scan Recording - DDS-DC Format Using 60 m and 90 m Length Tapes (stabilized maintenance of INCITS/ISO/IEC 11557-1992 (R2004))
PINS Date: Public Review Start: Oct 17, 2008 Approval Date: Dec 19, 2008 ISO JTC 1 Adoption

INCITS/ISO/IEC 11560:1992 [R2015], Information technology - Information interchange on 130 mm optical disk cartridges using the magneto-optical effect, for write once, read multiple functionality (reaffirmation of INCITS/ISO/IEC 11560:1992 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 3, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012 Approval Date: Sep 6, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Feb 8, 2008 Approval Date: Jun 19, 2008 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 3, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 22, 2019 ISO JTC 1 Adoption

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE 625

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption


PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption


PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption


PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 5, 2017
ISO JTC 1 Adoption


PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 22, 2019
ISO JTC 1 Adoption


PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption


PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption


PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption


PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Dec 25, 2009
Approval Date: Feb 18, 2010
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 27, 2014
Approval Date: Nov 21, 2014
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Sep 2, 2011
Approval Date: Dec 29, 2011
ISO JTC 1 Adoption

PINS Date: Public Review Start: Sep 2, 2011
Approval Date: Dec 28, 2011
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Sep 2, 2011 Approval Date: Dec 29, 2011
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 27, 2014 Approval Date: Nov 21, 2014
ISO JTC 1 Adoption

INCITS/ISO/IEC 12246:1993 [S2013], 8 mm wide magnetic tape cartridge dual azimuth format for information interchange - Helical Scan Recording (stabilized maintenance of INCITS/ISO/IEC 12246-1993 (S2008))
PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013
ISO JTC 1 Adoption

INCITS/ISO/IEC 12248:1993 [S2013], 3.81 mm wide magnetic tape cartridge for information interchange - Helical scan recording - DATA/DAT-DC format using 60m and 90 m length tapes (stabilized maintenance of INCITS/ISO/IEC 12248-1993 (R2008))
PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013
ISO JTC 1 Adoption

INCITS/ISO/IEC 12862:2011 [R2019], Information technology - 120 mm (8,54 Gbytes per side) and 80 mm (2,66 Gbytes per side) DVD recordable disk for dual layer (DVD-R for DL) (reaffirm a national adoption INCITS/ISO/IEC 12862:2011 [2014])
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 2, 2016
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Jul 7, 2017 Public Review Start: Aug 18, 2017 Approval Date: Dec 5, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016 ISO JTC 1 Adoption

PINS Date: Jul 7, 2017 Public Review Start: Aug 18, 2017 Approval Date: Dec 4, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption
INCITS/ISO/IEC 13403:1995 [S2019], Information Technology - Information Interchange on 300 mm Optical Disk Cartridges of the Write Once, Read Multiple (WORM) Type Using the CCS Method (stabilized maintenance of INCITS/ISO/IEC 13403-1995 (R2004))

PINS Date:
Public Review Start: Nov 7, 2008
Approval Date: Feb 2, 2009

ISO JTC 1 Adoption


PINS Date:
Public Review Start: Feb 8, 2008
Approval Date: Jun 19, 2008

ISO JTC 1 Adoption


PINS Date:
Public Review Start: Nov 7, 2008
Approval Date: Feb 2, 2009

ISO JTC 1 Adoption


PINS Date:
Public Review Start: Nov 7, 2008
Approval Date: Feb 2, 2009

ISO JTC 1 Adoption


PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Nov 2, 2017

ISO JTC 1 Adoption

INCITS/ISO/IEC 13614:1995 [S2019], Information technology - Interchange on 300 mm optical disk cartridges of the write once, read multiple (WORM) type using the SSF method (stabilized maintenance of INCITS/ISO/IEC 13614-1995 (R2004))

PINS Date:
Public Review Start: Nov 7, 2008
Approval Date: Feb 2, 2009

ISO JTC 1 Adoption


PINS Date:
Approval Date: Dec 23, 2015

ISO JTC 1 Adoption


PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011

ISO JTC 1 Adoption


PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 6, 2012

ISO JTC 1 Adoption


PINS Date: Nov 21, 2008
Public Review Start: Feb 6, 2009
Approval Date: Nov 11, 2009

ISO JTC 1 Adoption
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Feb 15, 2013
Approval Date: Aug 12, 2013
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 19, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Dec 19, 2016
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 29, 2017
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 19, 2016
ISO JTC 1 Adoption

Information technology -- Generic coding of moving pictures and associated audio information -- Part 6: Extensions for DSM-CC Amendment 2: Additions to support synchronized download services, opportunistic data services and resource announcement in broadcast and interactive services (reaffirm a national adoption INCITS/ISO/IEC 13818-6:1998/AM2:2000 [R2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption

INCITS/ISO/IEC 13818-7:2006 [R2019],
Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) (reaffirm a national adoption INCITS/ISO/IEC 13818-7:2006 [R2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 13818-7:2006/AM1:2007 [R2019],
Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) - Amendment 1: Transport of MPEG Surround in AAC (reaffirm a national adoption INCITS/ISO/IEC 13818-7:2006/AM1:2007 [R2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 14, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 5, 2017
ISO JTC 1 Adoption
PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

INCITS/ISO/IEC 14473:1999 [R2018], Information technology -- Office equipment -- Minimum information to be specified for image scanners (reaffirm a national adoption INCITS/ISO/IEC 14473:1999 [R2013])
PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 19, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 27, 2014
Approval Date: Dec 11, 2014
ISO JTC 1 Adoption
PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 19, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption

PINS Date: Sep 26, 2014
Public Review Start: Nov 7, 2014
Approval Date: Feb 3, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 27, 2014
Approval Date: Dec 8, 2014
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
Part 4: Conformance testing - Amendment 26: Conformance levels and bitstreams for Open Font Format (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM26:2008 [R2014])
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

Information technology - Coding of audio-visual objects -
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 15, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 4, 2017 Approval Date: Nov 2, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 22, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016 ISO JTC 1 Adoption

PINS Date: Dec 21, 2012 Public Review Start: Jan 25, 2013 Approval Date: Mar 19, 2013 ISO JTC 1 Adoption

INCITS/ISO/IEC 14760:1997 [R2015], Information technology - Data interchange on 90 mm overwritable and read only optical disk cartridges using phase change - Capacity: 1,3 Gbytes per cartridge (reaffirmation of INCITS/ISO/IEC 14760:1997 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 29, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 29, 2016
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption
PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Aug 12, 2016
Approval Date: Nov 29, 2016
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Jun 9, 2017
Approval Date: Dec 19, 2017
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 21, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Nov 29, 2016
ISO JTC 1 Adoption

PINS Date: Feb 16, 2018
Public Review Start: Mar 30, 2018
Approval Date: Jun 29, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
INCITS/ISO/IEC 15404:2000 [R2018], Information technology -- Office machines -- Minimum information to be included in specification sheets -- Facsimile equipment (reaffirm a national adoption INCITS/ISO/IEC 15404:2000 [R201x])
PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jun 9, 2017  
Approval Date:  Dec 4, 2017  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:  
Approval Date:  Dec 23, 2015  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jun 27, 2014  
Approval Date:  Dec 11, 2014  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Aug 9, 2019  
Approval Date:  Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 15444-3:2007 [R2013])
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 15444-4:2004 [R2018], Information technology - JPEG 2000 image coding system - Part 4: Conformance testing (reaffirm a national adoption
INCITS/ISO/IEC 15444-4:2004 [R2013])
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 27, 2014
Approval Date: Dec 11, 2014
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 15444-6:2013 [2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 15444-8:2007 [R2014])
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 19, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 27, 2014
Approval Date: Dec 17, 2014
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption


PINS Date: 
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption


PINS Date: 
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

INCITS/ISO/IEC 15486:1998 [S2020], Information Technology - Data Interchange on 130 mm Optical Disk Cartridges of Type WORM (Write Once Read Many) using Irreversible Effects - Capacity: 2.6 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 15486-1998 [R2005])

PINS Date: 
Public Review Start: Oct 16, 2009
Approval Date: Jan 4, 2010
ISO JTC 1 Adoption


PINS Date: 
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption


PINS Date: 
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption


PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption


PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption


PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 1, 2012 Approval Date: Aug 1, 2012
ISO JTC 1 Adoption

INCITS/ISO/IEC 15895:1999 [R2015], Information technology - Data interchange on 12,7 mm 128-track magnetic tape cartridges - DLT 3-XT format (reaffirmation of INCITS/ISO/IEC 15895:1999 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

INCITS/ISO/IEC 15896:1999 [R2015], Information technology - Data interchange on 12,7 mm 208-track magnetic tape cartridges - DLT 5 format (reaffirmation of INCITS/ISO/IEC 15896:1999 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 30, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 11, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
| PINS Date: | PINS Date: |
| Public Review Start:  Jun 9, 2017 | Public Review Start:  Jun 9, 2017 |
| Approval Date:  Dec 11, 2017 | Approval Date:  Dec 11, 2017 |

ISO JTC 1 Adoption

| PINS Date: | PINS Date: |
| Public Review Start:  Jun 9, 2017 | Public Review Start:  Aug 2, 2019 |
| Approval Date:  Dec 11, 2017 | Approval Date:  Nov 21, 2019 |

ISO JTC 1 Adoption

| PINS Date: | PINS Date: |
| Approval Date:  Dec 15, 2016 | Approval Date:  Nov 21, 2019 |

ISO JTC 1 Adoption

| PINS Date: | PINS Date: |
| Public Review Start:  Aug 2, 2019 | Public Review Start:  Jul 27, 2018 |
| Approval Date:  Nov 21, 2019 | Approval Date:  Dec 31, 2018 |

ISO JTC 1 Adoption

| PINS Date: | PINS Date: |
| Approval Date:  Nov 21, 2019 | Approval Date:  Nov 21, 2019 |

ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Approval Date: Dec 21, 2015
ISO JTC 1 Adoption

PINS Date: Jun 9, 2017
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption

PINS Date: Jun 1, 2012
Approval Date: Aug 1, 2012
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Approval Date: Sep 7, 2018
ISO JTC 1 Adoption

PINS Date: Jun 9, 2017
Approval Date: Dec 5, 2017
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Approval Date: Dec 30, 2015
ISO JTC 1 Adoption
PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012 ISO JTC 1 Adoption

INCITS/ISO/IEC 16449:2002 [S2012], Information Technology - 80 mm DVD - Read-only Disk (stabilized maintenance of INCITS/ISO/IEC 16449-2002 (R2007))
PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 19, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 2, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 9, 2019 Approval Date: Nov 22, 2019 ISO JTC 1 Adoption

INCITS/ISO/IEC 16969:1999 [R2015], Information technology - Data interchange on 120 mm optical disk cartridges using +RW format - Capacity: 3,0 Gbytes and 6,0 Gbytes (reaffirmation of INCITS/ISO/IEC 16969:1999 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

INCITS/ISO/IEC 17341:2009 [R2019], Information technology - Data Interchange on 120 mm and 80 mm Optical Disk using +RW Format - Capacity: 4,7 Gbytes and 1,46 Gbytes per Side (Recording speed up to 4X) (reaffirm a national adoption INCITS/ISO/IEC 17341:2009 [R2014])
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption
INCITS/ISO/IEC 17342:2004 [R2015]. Information technology - 80 mm (1,46 Gbytes per side) and 120 mm (4,70 Gbytes per side) DVD re-recordable disk (DVD-RW) (reaffirmation of INCITS/ISO/IEC 17342:2004 [2010])
PINS Date: 
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

INCITS/ISO/IEC 17344:2009 [R2019]. Information technology - Data Interchange on 120 mm and 80 mm Optical Disk using +R Format - Capacity: 4,7 and 1,46 Gbytes per Side (Recording speed up to 16X) (reaffirm a national adoption INCITS/ISO/IEC 17344:2009 [R2014]) 
PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Jun 9, 2017 
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption

PINS Date: 
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 26, 2011 
Approval Date: Dec 28, 2011
ISO JTC 1 Adoption

INCITS/ISO/IEC 17592:2004 [R2015]. Information technology - 120 mm (4,7 Gbytes per side) and 80 mm (1,46 Gbytes per side) DVD rewritable disk (DVD-RAM) (reaffirmation of INCITS/ISO/IEC 17592:2004 [2010])
PINS Date: 
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: 
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Mar 18, 2016
Approval Date: Apr 20, 2017
ISO JTC 1 Adoption

PINS Date: Mar 18, 2016
Approval Date: Apr 20, 2017
ISO JTC 1 Adoption

PINS Date: Oct 7, 2016
Public Review Start: Nov 18, 2016
Approval Date: Apr 20, 2017
ISO JTC 1 Adoption
PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 30, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Mar 18, 2016
Approval Date: Apr 20, 2017
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption
PINS Date: Aug 28, 2015
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jun 9, 2017
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jun 9, 2017
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jun 9, 2017
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Mar 1, 2013 Approval Date: Jul 10, 2013 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 6, 2017 ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Oct 24, 2019 ISO JTC 1 Adoption

PINS Date: Aug 11, 2017 Public Review Start: Feb 9, 2018 Approval Date: Sep 11, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Mar 30, 2012 Public Review Start: May 25, 2012 Approval Date: Aug 22, 2012 ISO JTC 1 Adoption

PINS Date: Jul 7, 2017 Public Review Start: Aug 18, 2017 Approval Date: Nov 2, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 4, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 6, 2017 ISO JTC 1 Adoption
PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 7, 2018
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Public Review Start: Oct 9, 2015
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: Nov 18, 2016
Public Review Start: Nov 1, 2017
Approval Date: Nov 1, 2017
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 22, 2019
ISO JTC 1 Adoption
PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Aug 17, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Aug 17, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Aug 17, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 18809-2000 [S2016], Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording - AIT-1 with MIC Format (stabilized maintenance of INCITS/ISO/IEC 18809-2000 [R2011])
PINS Date: Aug 11, 2017
Public Review Start: Aug 17, 2018
Approval Date: Nov 3, 2016
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Aug 17, 2018
Approval Date: Nov 3, 2016
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Aug 17, 2018
Approval Date: Dec 28, 2011
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Aug 17, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Mar 14, 2019
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date: Mar 18, 2016
Approval Date: Apr 20, 2017
ISO JTC 1 Adoption
PINS Date: Nov 18, 2016
Public Review Start: Aug 4, 2017
Approval Date: Nov 1, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Nov 18, 2016
Public Review Start: Aug 4, 2017
Approval Date: Nov 1, 2017
ISO JTC 1 Adoption
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018 Public Review Start: Sep 7, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 6, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 4, 2017
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Oct 18, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start:  Jul 27, 2018
Approval Date:  Oct 18, 2018
ISO JTC 1 Adoption


PINS Date:
Approval Date:  Dec 22, 2015
ISO JTC 1 Adoption


PINS Date:
Approval Date:  Dec 30, 2015
ISO JTC 1 Adoption


PINS Date:
Approval Date:  Dec 30, 2015
ISO JTC 1 Adoption


PINS Date:
Public Review Start:  Jul 4, 2014
Approval Date:  Nov 21, 2014
ISO JTC 1 Adoption


PINS Date:
Public Review Start:  Aug 12, 2016
Approval Date:  Nov 10, 2016
ISO JTC 1 Adoption


PINS Date:  Jul 27, 2018
Public Review Start:  Sep 7, 2018
Approval Date:  Dec 31, 2018
ISO JTC 1 Adoption


PINS Date:
Public Review Start:  Aug 12, 2016
Approval Date:  Nov 10, 2016
ISO JTC 1 Adoption


PINS Date:
Public Review Start:  Jul 27, 2018
Approval Date:  Dec 31, 2018
ISO JTC 1 Adoption


PINS Date:  Jul 27, 2018
Public Review Start:  Sep 7, 2018
Approval Date:  Dec 31, 2018
ISO JTC 1 Adoption
PINS Date:    Jul 27, 2018
Approval Date:   Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:    Nov 7, 2014
Public Review Start:   Dec 12, 2014
Approval Date:   May 6, 2015
ISO JTC 1 Adoption

PINS Date:    Jul 27, 2018
Approval Date:   Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:    Jun 9, 2017
Approval Date:   Dec 11, 2017
ISO JTC 1 Adoption

PINS Date:    Aug 28, 2015
Approval Date:   Dec 17, 2015
ISO JTC 1 Adoption

PINS Date:    Nov 7, 2014
Public Review Start:   Dec 12, 2014
Approval Date:   May 6, 2015
ISO JTC 1 Adoption

PINS Date:    Aug 28, 2015
Approval Date:   Dec 17, 2015
ISO JTC 1 Adoption

PINS Date:    Jul 27, 2018
Approval Date:   Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:    Jun 9, 2017
Approval Date:   Dec 11, 2017
ISO JTC 1 Adoption

PINS Date:    Jun 9, 2017
Approval Date:   Dec 11, 2017
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 11, 2017
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 30, 2015
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018 Public Review Start: Sep 7, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Nov 18, 2016 Public Review Start: Aug 4, 2017 Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Feb 12, 2010 Public Review Start: Apr 16, 2010 Approval Date: Aug 19, 2010
ISO JTC 1 Adoption

PINS Date: Public Review Start: May 11, 2012 Approval Date: Aug 15, 2012
ISO JTC 1 Adoption

PINS Date: Public Review Start: May 11, 2012 Approval Date: Aug 15, 2012
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: Feb 23, 2018
Public Review Start: May 4, 2018
Approval Date: Sep 6, 2018
ISO JTC 1 Adoption

PINS Date: Feb 23, 2018
Public Review Start: May 4, 2018
Approval Date: Sep 6, 2018
ISO JTC 1 Adoption

PINS Date: Oct 13, 2017
Public Review Start: Dec 22, 2017
Approval Date: Mar 16, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 6, 2012  
Approval Date: Sep 6, 2012  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 6, 2012  
Approval Date: Sep 6, 2012  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Approval Date: Dec 6, 2007  
ISO JTC 1 Adoption

PINS Date: May 17, 2019  
Public Review Start: Jun 28, 2019  
Approval Date: Sep 9, 2019  
ISO JTC 1 Adoption

INCITS/ISO/IEC 20563:2001 [S2012], Information technology - 80 mm (1.23 Gbytes per side) and 120 mm (3.95 Gbytes per side) DVD-recordable disk (DVD-R) (stabilized maintenance of INCITS/ISO/IEC 20563-2001 (R2007))
PINS Date:  
Public Review Start: Jun 8, 2012  
Approval Date: Aug 20, 2012  
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017  
Public Review Start: Feb 9, 2018  
Approval Date: Sep 11, 2018  
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019  
Public Review Start: Aug 9, 2019  
Approval Date: Oct 24, 2019  
ISO JTC 1 Adoption

PINS Date: Nov 18, 2016  
Public Review Start: Aug 4, 2017  
Approval Date: Nov 2, 2017  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018  
ISO JTC 1 Adoption

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 670
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 6, 2012
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Jul 27, 2018
Approval Date:   Dec 31, 2018
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Jul 27, 2018
Approval Date:   Dec 31, 2018
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start:     Aug 2, 2019
Approval Date:   Nov 21, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Dec 15, 2016
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 21118:2012 [R2018], Information technology -- Office equipment -- Information to be included in specification sheets -- Data projectors (reaffirm a national adoption INCITS/ISO/IEC 21118:2012 [2013])
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Public Review Start: Oct 9, 2015
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption
INCITS/ISO/IEC 22050-2002 [S2013], Information technology - Data interchange on 12.7 mm, 384-track magnetic tape cartridges - Ultrium-1 format (stabilized maintenance of INCITS/ISO/IEC 22050-2002 (R2008))
PINS Date: Apr 5, 2013
Approval Date: Oct 3, 2013
ISO JTC 1 Adoption

INCITS/ISO/IEC 22051:2002 [S2016], Information technology - Data interchange on 12.7 mm, 448-track magnetic tape cartridges - SDLT1 format (stabilized maintenance of INCITS/ISO/IEC 22051:2002 [R2008])
PINS Date: Aug 12, 2016
Approval Date: Nov 3, 2016
ISO JTC 1 Adoption

PINS Date: Apr 5, 2013
Approval Date: Aug 7, 2013
ISO JTC 1 Adoption

PINS Date: Jun 8, 2012
Approval Date: Aug 20, 2012
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: Aug 28, 2015
Approval Date: Dec 17, 2015
ISO JTC 1 Adoption

PINS Date: Aug 12, 2016
Approval Date: Dec 19, 2016
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 19, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 19, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 19, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 19, 2016 ISO JTC 1 Adoption

INCITS/ISO/IEC 23000-7:2008 [R2019], Information technology - Multimedia application format (MPEG-A) - Part 7: Open access application format (reaffirm a national adoption INCITS/ISO/IEC 23000-7:2008 [R2014])
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Dec 19, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption
PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019  
Approval Date: Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 12, 2016  
Approval Date: Dec 19, 2016  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018  
Approval Date: Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Approval Date: Dec 17, 2015  
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 15, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 15, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 15, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 15, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 6, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 7, 2013 Approval Date: Oct 14, 2013 ISO JTC 1 Adoption
PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: May 24, 2013
Approval Date: Aug 12, 2013
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Dec 28, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 2, 2011
Approval Date: Dec 21, 2011
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013
ISO JTC 1 Adoption
PINS Date: May 22, 2015
Approval Date: Dec 30, 2015
ISO JTC 1 Adoption

PINS Date: Jan 4, 2013
Public Review Start: Feb 8, 2013
Approval Date: Apr 3, 2013
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 15, 2014
Approval Date: Oct 30, 2014
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 13, 2014
Approval Date: Oct 30, 2014
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

INCITS/ISO/IEC 23912:2005 [R2015], Information technology - 80 mm (1,46 Gbytes per side) and 120 mm (4,70 Gbytes per side) DVD Recordable Disk (DVD-R) (reaffirmation of INCITS/ISO/IEC 23912:2005 [2010])
PINS Date:
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 6, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption
PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 24707:2007 [R2018], Information technology Common Logic (CL): a framework for a family of logic-based languages
(reaffirm a national adoption INCITS/ISO/IEC 24707:2007 [R2013])
PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 24709-1:2017 [2019], Information technology -- Conformance testing for the biometric application programming interface (BioAPI) -- Part 1: Methods and procedures
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 24709-3:2011 [R2016], Information technology -- Conformance testing for the biometric application programming interface (BioAPI) -- Part 3: Test assertions for BioAPI frameworks
(reaffirmation of INCITS/ISO/IEC 24709-3:2011 [2011])
PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

INCITS/ISO/IEC 24711-2015 [2018], Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components
PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 24711:2007/Cor 1:2013, Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components -- Technical Corrigendum 1
(identical national adoption of ISO/IEC 24711:2007/Cor 1:2012)
PINS Date: May 31, 2013
Public Review Start: Jul 5, 2013
Approval Date: Nov 8, 2013
ISO JTC 1 Adoption

INCITS/ISO/IEC 24712:2007 [R2018], Colour test pages for measurement of office equipment consumable yield
(reaffirm a national adoption INCITS/ISO/IEC 24712:2007 [R2013])
PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 24713-1:2008 [R2019], Information technology - Biometric profiles for interoperability and data interchange - Part 1: Overview of biometric systems and biometric profiles
(reaffirm a national adoption INCITS/ISO/IEC 24713-1:2008 [R2014])
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

(reaffirmation of INCITS/ISO/IEC 24713-3:2009 [2010])
PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 17, 2015
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 5, 2017
ISO JTC 1 Adoption

INCITS/ISO/IEC 24747:2009 [R2015], Information technology - Programming languages, their environments and system software interfaces - Extensions to the C Library to support mathematical special functions (reaffirmation of INCITS/ISO/IEC 24747:2009 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Nov 22, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 28, 2013
Approval Date: Sep 13, 2013
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Sep 5, 2014
Approval Date: Dec 5, 2014
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption
PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Sep 2, 2016
Approval Date: Dec 27, 2016
ISO JTC 1 Adoption

PINS Date: Aug 18, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 6, 2017
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 25434:2008 [R2014], Information technology - Data interchange on 120 mm and 80 mm optical disk using +R DL format - Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed up to 16X) (reaffirmation of INCITS/ISO/IEC 25434:2008 [2009])
PINS Date: Public Review Start: Jun 13, 2014
Approval Date: Nov 5, 2014
ISO JTC 1 Adoption
INCITS/ISO/IEC 25434:2008 [R2019], Information technology -- Data interchange on 120 mm and 80 mm optical disk using +R DL format -- Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed up to 16X) (reaffirm a national adoption INCITS/ISO/IEC 24756:2009 [R2014])
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

INCITS/ISO/IEC 25435:2006 [R2015], Data Interchange on 60 mm Read-Only ODC - Capacity: 1,8 Gbytes (UMDTM) (reaffirmation of INCITS/ISO/IEC 25435:2006 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 6, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Oct 3, 2014 Public Review Start: Nov 7, 2014 Approval Date: Feb 3, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Oct 3, 2014 Public Review Start: Nov 7, 2014 Approval Date: Feb 3, 2015 ISO JTC 1 Adoption

INCITS/ISO/IEC 26925:2009 [R2019], Information technology - Data interchange on 120 mm and 80 mm optical disk using +RW HS format - Capacity: 4,7 Gbytes and 1,46 Gbytes per side (recording speed 8X) (reaffirm a national adoption INCITS/ISO/IEC 26925:2009 [R2014])
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption


PINS Date: Aug 2, 2019
Public Review Start: Nov 21, 2019
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption


PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption


PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption


PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption


PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption


PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption


PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption


PINS Date: Jun 4, 2010
Public Review Start: Sep 30, 2011
Approval Date: Feb 20, 2015
ISO JTC 1 Adoption


PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption
PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: July 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: July 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: Oct 14, 2016
Public Review Start: Mar 3, 2017
Approval Date: Jul 21, 2017
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: July 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption
PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: June 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Oct 14, 2016
Public Review Start: Mar 3, 2017
Approval Date: Jul 21, 2017
ISO JTC 1 Adoption

PINS Date: Oct 14, 2016
Public Review Start: Mar 3, 2017
Approval Date: Jul 21, 2017
ISO JTC 1 Adoption

PINS Date: Oct 14, 2016
Public Review Start: Mar 3, 2017
Approval Date: Jul 21, 2017
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: Oct 14, 2016
Public Review Start: Mar 3, 2017
Approval Date: Jul 21, 2017
ISO JTC 1 Adoption
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Nov 29, 2019
Public Review Start: Jan 31, 2020
Approval Date: Apr 2, 2020
ISO JTC 1 Adoption

PINS Date: Public Review Start: Oct 7, 2016
Approval Date: Mar 28, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 17, 2015
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Oct 7, 2016
Approval Date: Mar 28, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 17, 2015
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Oct 29, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016 Approval Date: Nov 10, 2016 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Aug 15, 2014 Public Review Start: Sep 19, 2014 Approval Date: Nov 18, 2014 ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Nov 22, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption
PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: May 13, 2016 Public Review Start: Aug 26, 2016 Approval Date: Nov 2, 2016 ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 6, 2017 ISO JTC 1 Adoption

PINS Date: Jun 28, 2019 Public Review Start: Aug 9, 2019 Approval Date: Oct 24, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Nov 15, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 17, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Oct 24, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017
Approval Date: Dec 4, 2017
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption
PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Dec 19, 2016
ISO JTC 1 Adoption

PINS Date: Aug 11, 2017
Public Review Start: Feb 9, 2018
Approval Date: Sep 11, 2018
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Jun 9, 2017
Approval Date: Dec 4, 2017
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Sep 7, 2018
Approval Date: Mar 8, 2019
ISO JTC 1 Adoption

PINS Date: 
Approval Date: Nov 2, 2016
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: 
Public Review Start: Dec 20, 2013
Approval Date: May 13, 2014
ISO JTC 1 Adoption
PINS Date: Nov 15, 2013
Public Review Start: Dec 20, 2013
Approval Date: May 13, 2014
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 29642:2009 [R2019], Information technology - Data interchange on 120 mm and 80 mm optical disk using +RW DL format - Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed 2,4x) (reaffirm a national adoption INCITS/ISO/IEC 29642:2009 [R2014])
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 17, 2015
ISO JTC 1 Adoption

PINS Date: Feb 23, 2018
Public Review Start: May 4, 2018
Approval Date: Sep 6, 2018
ISO JTC 1 Adoption

PINS Date: Feb 23, 2018
Public Review Start: May 4, 2018
Approval Date: Sep 6, 2018
ISO JTC 1 Adoption

PINS Date: Feb 23, 2018
Public Review Start: May 4, 2018
Approval Date: Aug 13, 2018
ISO JTC 1 Adoption
PINS Date:  Feb 23, 2018
Public Review Start:  May 4, 2018
Approval Date:  Sep 6, 2018
ISO JTC 1 Adoption

PINS Date:  Feb 23, 2018
Public Review Start:  May 4, 2018
Approval Date:  Sep 6, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start:  Aug 2, 2019
Approval Date:  Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:  Jul 27, 2018
Public Review Start:  Sep 7, 2018
Approval Date:  Mar 8, 2019
ISO JTC 1 Adoption

PINS Date:  Jul 27, 2018
Public Review Start:  Sep 7, 2018
Approval Date:  Mar 8, 2019
ISO JTC 1 Adoption

PINS Date:  
Approval Date:  Dec 30, 2015
ISO JTC 1 Adoption

PINS Date:  
Approval Date:  Dec 22, 2015
ISO JTC 1 Adoption

PINS Date:
Approval Date:  Dec 30, 2015
ISO JTC 1 Adoption

PINS Date:
Approval Date:  Dec 22, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start:  Jul 27, 2018
Approval Date:  Dec 6, 2018
ISO JTC 1 Adoption

PINS Date:  Mar 11, 2016
Public Review Start:  Jan 20, 2017
Approval Date:  Apr 20, 2017
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Nov 3, 2016
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Jan 30, 2009
Approval Date: Apr 24, 2009
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Jun 7, 2013
Approval Date: Oct 14, 2013
ISO JTC 1 Adoption


PINS Date:
Approval Date: Dec 6, 2007
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption


PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption
PINS Date:
Public Review Start: Jun 8, 2012
Approval Date: Aug 20, 2012
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

INCITS/ISO/IEC 7065-1:1985 [R2015], *Information processing - Data interchange on 200 mm (8 in) flexible disk cartridges using modified frequency modulation recording at 13 262 fpprad, 1,9 tpmm (48 tpi), on both sides - Part 1: Dimensional, physical and magnetic characteristics* (reaffirmation of INCITS/ISO/IEC 7065-1:1985 [2010])
PINS Date:
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Feb 1, 2008
Approval Date: Jun 30, 2008
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

INCITS/ISO/IEC 7487-1:1993 [R2015], *Information technology - Data Interchange on 130 mm (5.25 in) flexible disk cartridges using modified frequency modulation recording at 7 958 fpprad, 1,9 tpmm (48 tpi), on both sides - ISO type 202 - Part 1: Dimensional, physical and magnetic characteristics* (reaffirmation of INCITS/ISO/IEC 7487-1:1993 [2010])
PINS Date:
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

INCITS/ISO/IEC 7487-3-1986 [S2012], *Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 fpprad, 1,9 tpmm (48 tpi), on both sides - Part 3: Track Format B* (stabilized maintenance of INCITS/ISO/IEC 7487-3-1986 (R2007))
PINS Date:
Public Review Start: Jun 8, 2012
Approval Date: Aug 20, 2012
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption
PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  Sep 26, 2014  
Public Review Start:  Nov 7, 2014  
Approval Date:  Jan 29, 2015  
ISO JTC 1 Adoption

PINS Date:  Sep 2, 2016  
Approval Date:  Dec 27, 2016  
ISO JTC 1 Adoption

PINS Date:  Sep 26, 2014  
Public Review Start:  Nov 7, 2014  
Approval Date:  Jan 29, 2015  
ISO JTC 1 Adoption

PINS Date:  Jun 28, 2019  
Public Review Start:  Aug 9, 2019  
Approval Date:  Nov 21, 2019  
ISO JTC 1 Adoption

PINS Date:  Sep 2, 2016  
Approval Date:  Dec 27, 2016  
ISO JTC 1 Adoption

PINS Date:  Sep 2, 2016  
Approval Date:  Dec 27, 2016  
ISO JTC 1 Adoption

PINS Date:  Sep 2, 2016  
Approval Date:  Dec 27, 2016  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Jan 28, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Aug 2, 2019  
Approval Date:  Nov 22, 2019  
ISO JTC 1 Adoption

Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption


Public Review Start: Aug 9, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption


Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption


Public Review Start: Aug 12, 2016
Approval Date: Nov 10, 2016
ISO JTC 1 Adoption


Public Review Start: Aug 9, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption


Public Review Start: Sep 11, 2009
Approval Date: Nov 11, 2009
ISO JTC 1 Adoption


Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption


Public Review Start: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption
INCITS/ISO/IEC 7816-4:2013 [2016], Identification cards --
Integrated circuit cards - Part 4: Organization, security and
commands for interchange (identical national adoption of
ISO/IEC 7816-4:2013 and revision of INCITS/ISO/IEC 7816
-4:2005 [R2013])
PINS Date: May 13, 2016
Approval Date: Nov 2, 2016
ISO JTC 1 Adoption

INCITS/ISO/IEC 7816-5:2004 [R2019], Identification cards
- Integrated circuit(s) cards with contacts - Part 5:
Registration system for application in IC Cards (reaffirm a
national adoption INCITS/ISO/IEC 7816-5:2004 [R2014])
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 7816-6:2016 [2019], Identification cards --
Integrated circuit cards -- Part 6: Interindustry data
elements for interchange (identical national adoption of
ISO/IEC 7816-6:2016 and revision of INCITS/ISO/IEC 7816
-6:2004 [R2014])
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 7816-7:1999 [R2019], ID Cards -
Integrated circuit cards with contacts - Part 7: Interindustry
commands for Structured Card Query Language (SCQL)
(reaffirm a national adoption INCITS/ISO/IEC 7816-7:1999
[R2014])
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 7816-8:2016 [2019], Identification cards --
Integrated circuit cards -- Part 8: Commands and
mechanisms for security operations (identical national
adoption of ISO/IEC 7816-8:2016 and revision of
INCITS/ISO/IEC 7816-8:2004 [R2014])
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

Integrated circuit cards -- Part 9: Commands for card
management (identical national adoption of ISO/IEC 7816
[R2014])
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

INCITS/ISO/IEC 8378-1:1986 [R2015], Information
processing - Data interchange on 130 mm (5.25 in) flexible
disk cartridges using modified frequency modulation
recording at 7 958 fptrad, 3.8 tpmm (96 tpi), on both sides -
Part 1: Dimensional, physical and magnetic characteristics
(reaffirmation of INCITS/ISO 8378-1:1986 [2010])
PINS Date: Public Review Start: Aug 28, 2015
Approval Date: Dec 22, 2015
ISO JTC 1 Adoption

INCITS/ISO/IEC 8630-2-1987 [S2012], Information
Processing - Data Interchange on 130 mm (5.25 in)
Flexible Disk Cartridges Using Modified Frequency
Modulation Recording at 13 262 fptrad, on 80 Tracks on
Each Side - Part 2: Track format A for 77 Tracks (stabilized
maintenance of INCITS/ISO/IEC 8630-2-1987 (R2007))
PINS Date: Public Review Start: Jun 8, 2012
Approval Date: Aug 20, 2012
ISO JTC 1 Adoption

INCITS/ISO/IEC 8630-3-1987 [S2012], Information
Processing - Data Interchange on 130 mm (5.25 in)
Flexible Disk Cartridges Using Modified Frequency
Modulation Recording at 13 262 fptrad, on 80 Tracks on
Each Side - Part 3: Track Format B for 80 Tracks
(stabilized maintenance of INCITS/ISO/IEC 8630-3-1987
(R2007))
PINS Date: Public Review Start: Jun 8, 2012
Approval Date: Aug 20, 2012
ISO JTC 1 Adoption

INCITS/ISO/IEC 8632-1:1999 [S2020], Information
Technology - Computer Graphics - Metafile for the Storage
and Transfer of Picture Description Information - Part 1:
Functional Specification (stabilized maintenance of
INCITS/ISO/IEC 8632-1-1999 (R2005))
PINS Date: Public Review Start: Dec 25, 2009
Approval Date: Feb 18, 2010
ISO JTC 1 Adoption
PINS Date:   
Approval Date: Dec 22, 2015  
ISO JTC 1 Adoption

PINS Date:   
Approval Date: Dec 22, 2015  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Dec 25, 2009  
Approval Date: Feb 18, 2010  
ISO JTC 1 Adoption

PINS Date:   
Public Review Start: Dec 25, 2009  
Approval Date: Feb 18, 2010  
ISO JTC 1 Adoption

PINS Date:   
Public Review Start: Aug 9, 2019  
Approval Date: Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 9, 2019  
Approval Date: Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:   
Public Review Start: Aug 9, 2019  
Approval Date: Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:   
Public Review Start: Aug 9, 2019  
Approval Date: Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:   
Public Review Start: Aug 9, 2019  
Approval Date: Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:   
Public Review Start: Aug 9, 2019  
Approval Date: Nov 22, 2019  
ISO JTC 1 Adoption
PINS Date:  
Jun 28, 2019  
Public Review Start:  Aug 9, 2019  
Approval Date:  Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:  
Jun 28, 2019  
Public Review Start:  Aug 9, 2019  
Approval Date:  Nov 22, 2019  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption

PINS Date:  
Approval Date:  Dec 23, 2015  
ISO JTC 1 Adoption

PINS Date:  
Approval Date:  Dec 21, 2015  
ISO JTC 1 Adoption

PINS Date:  
Approval Date:  Dec 23, 2015  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Dec 31, 2018  
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

INCITS/ISO/IEC 8860-1:1987 [R2015], Information processing - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 f/srad on 80 Tracks on Each Side - Part 1: Dimensional, physical and magnetic characteristics (reaffirmation of INCITS/ISO 8860-1:1987 [2010])
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 22, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 8, 2012 Approval Date: Aug 20, 2012 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 22, 2014 Approval Date: Nov 21, 2014 ISO JTC 1 Adoption
PINS Date: Jan 3, 2014
Public Review Start: May 2, 2014
Approval Date: Sep 12, 2014
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 4, 2017
ISO JTC 1 Adoption

PINS Date: Apr 1, 2011
Approval Date: Aug 27, 2012
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 4, 2017
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 5, 2017
ISO JTC 1 Adoption

PINS Date: Jan 3, 2014
Public Review Start: May 2, 2014
Approval Date: Sep 15, 2014
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 5, 2017
ISO JTC 1 Adoption

PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 4, 2017
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption
| ISO JTC 1 Adoption | ISO JTC 1 Adoption |

| PINS Date: Jul 7, 2017, Public Review Start: Aug 18, 2017, Approval Date: Dec 4, 2017 | PINS Date: Public Review Start: Jul 27, 2018, Approval Date: Dec 31, 2018 |
| ISO JTC 1 Adoption | ISO JTC 1 Adoption |

| PINS Date: Jul 7, 2017, Public Review Start: Aug 18, 2017, Approval Date: Dec 4, 2017 | PINS Date: Public Review Start: Jul 27, 2018, Approval Date: Dec 31, 2018 |
| ISO JTC 1 Adoption | ISO JTC 1 Adoption |

| PINS Date: Public Review Start: Oct 17, 2008, Approval Date: Dec 18, 2008 | PINS Date: Public Review Start: Jul 27, 2018, Approval Date: Dec 31, 2018 |
| ISO JTC 1 Adoption | ISO JTC 1 Adoption |

| ISO JTC 1 Adoption | ISO JTC 1 Adoption |
INCITS/ISO/IEC 9529-1:1989 [R2015], Information processing systems - Data interchange on 90 mm (3.5 in) flexible disk cartridges using modified frequency modulation recording at 15 916 fpi, on 80 tracks on each side - Part 1: Dimensional, physical and magnetic characteristics (reaffirmation of INCITS/ISO/IEC 9529-1:1989 [1989])
PINS Date:  
Approval Date: Dec 22, 2015  
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Aug 2, 2019
Approval Date: Nov 21, 2019
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jul 27, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jun 9, 2017
Approval Date: Nov 2, 2017
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption

PINS Date:  
Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption
<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Jul 6, 2012</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Sep 5, 2012</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Sep 2, 2011</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 28, 2011</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Aug 28, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 28, 2015</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Aug 28, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 23, 2015</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Apr 12, 2013</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jun 18, 2013</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Jan 30, 2009</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 3, 2009</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Aug 28, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 23, 2015</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Aug 28, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 23, 2015</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Jul 6, 2012</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Sep 5, 2012</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Jul 27, 2018</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 18, 2018</td>
</tr>
<tr>
<td>ISO JTC 1 Adoption</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Feb 22, 2008
Approval Date: Jun 19, 2008
ISO JTC 1 Adoption

PINS Date: Jul 27, 2018
Public Review Start: Sep 7, 2018
Approval Date: Dec 31, 2018
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012
ISO JTC 1 Adoption

PINS Date: Public Review Start: Jan 30, 2009
Approval Date: Apr 3, 2009
ISO JTC 1 Adoption
PINS Date: Public Review Start: Jan 30, 2009 Approval Date: Apr 24, 2009 ISO JTC 1 Adoption

PINS Date: Public Review Start: Dec 25, 2009 Approval Date: Feb 18, 2010 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 5, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jul 27, 2018 Approval Date: Dec 31, 2018 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 21, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 5, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 5, 2017 ISO JTC 1 Adoption

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Dec 6, 2017 ISO JTC 1 Adoption

PINS Date: Jul 31, 2009 Public Review Start: Aug 28, 2009 Approval Date: Dec 23, 2010 ISO JTC 1 Adoption

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Dec 23, 2015 ISO JTC 1 Adoption
PINS Date: Jun 28, 2019
Public Review Start: Aug 9, 2019
Approval Date: Nov 22, 2019
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Oct 29, 2019
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 23, 2015
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Dec 5, 2017
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012
ISO JTC 1 Adoption

PINS Date:
Public Review Start: Jul 6, 2012
Approval Date: Sep 5, 2012
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date:
Approval Date: Dec 15, 2015
ISO JTC 1 Adoption

PINS Date: Mar 15, 2019
Public Review Start: Apr 26, 2019
Approval Date: Jul 9, 2019
ISO JTC 1 Adoption
PINS Date: Public Review Start: Aug 2, 2019 Approval Date: Nov 22, 2019 ISO JTC 1 Adoption

PINS Date: Public Review Start: Feb 8, 2008 Approval Date: Jun 19, 2008 ISO JTC 1 Adoption

PINS Date: Jul 17, 2009 Public Review Start: Aug 21, 2009 Approval Date: Dec 10, 2009 ISO JTC 1 Adoption

ITSDF (Industrial Truck Standards Development Foundation, Inc.)
www.indtrk.org

PINS Date: Feb 15, 2019 Public Review Start: Feb 7, 2020 Approval Date: Mar 26, 2020

ANSI/ITSDF B56.10-2012 (R2019), Manually Propelled High Lift Industrial Trucks (reaffirmation of ANSI/ITSDF B56.10-2012)
PINS Date: Mar 23, 2018 Public Review Start: Sep 7, 2018 Approval Date: Feb 7, 2019

ANSI/ITSDF B56.11.1-2012 (R2018), Double Race or Bi-Level Swivel and Rigid Industrial Casters (reaffirmation of ANSI/ITSDF B56.11.1-2012)
PINS Date: Sep 22, 2017 Public Review Start: Dec 15, 2017 Approval Date: Feb 16, 2018

ANSI/ITSDF B56.11.4-2013 (R2018), Hook-Type Forks and Fork Carriers for Powered Industrial Forklift Trucks (reaffirmation of ANSI/ITSDF B56.11.4-2013)
PINS Date: Mar 23, 2018 Public Review Start: Sep 7, 2018 Approval Date: Dec 19, 2018

ANSI/ITSDF B56.11.5-2014 (R2018), Measurement of Sound Emitted by Low Lift, High Lift, and Rough Terrain Powered Industrial Trucks (reaffirmation of ANSI/ITSDF B56.11.5-2014)
PINS Date: Mar 23, 2018 Public Review Start: Sep 7, 2018 Approval Date: Dec 19, 2018

ANSI/ITSDF B56.11.6-2019, Evaluation of Visibility from Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.6-2005 (R2013))
PINS Date: Mar 23, 2018 Public Review Start: May 31, 2019 Approval Date: Aug 6, 2019

ANSI/ITSDF B56.11.7-2011, Liquified Petroleum Gas (LPG) Fuel Cylinders (Horizontal or Vertical) Mounting - Liquid Withdrawal - for Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.7-2005)
PINS Date: Jan 21, 2011 Public Review Start: May 20, 2011 Approval Date: Jul 15, 2011

ANSI/ITSDF B56.11.8-2019, Safety Standard for Seat Belt (Lap-Type) Anchorage Systems for Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.8-2015)
PINS Date: Mar 23, 2018 Public Review Start: May 24, 2019 Approval Date: Aug 6, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Previous Edition</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI Z136.3-2018, Standard for Safe Use of Lasers in Health Care (revision of ANSI Z136.3-2011)
PINS Date: Dec 21, 2012
Public Review Start: Jul 7, 2017
Approval Date: May 25, 2018

ANSI Z136.5-2020, Standard for Safe Use of Lasers in Educational Institutions (new standard)
PINS Date: Nov 22, 2013
Public Review Start: Oct 4, 2019
Approval Date: May 19, 2020

ANSI Z136.6-2015, Standard for Safe Use of Lasers Outdoors (revision of ANSI Z136.6-2005)
PINS Date: Apr 27, 2007
Public Review Start: Jan 2, 2015
Approval Date: Oct 5, 2015

ANSI Z136.8-2012, Standard for Safe Use of Lasers in Research, Development or Testing (new standard)
PINS Date: Nov 10, 2006
Public Review Start: Jul 22, 2011
Approval Date: Apr 3, 2012

ANSI Z136.9-2013, Standard for Safe Use of Lasers in Manufacturing Environments (new standard)
PINS Date: Nov 10, 2006
Public Review Start: May 17, 2013
Approval Date: Aug 6, 2013

PINS Date: Nov 28, 2014
Approval Date: Feb 17, 2017

PINS Date: Mar 4, 2016
Public Review Start: Apr 8, 2016
Approval Date: Jun 30, 2016

PINS Date: Mar 4, 2016
Approval Date: Apr 3, 2017

PINS Date: Dec 22, 2017
Public Review Start: May 18, 2018
Approval Date: Nov 30, 2018

PINS Date: May 18, 2018
Public Review Start: Jun 22, 2018
Approval Date: Nov 12, 2018

ANSI MH29.1-2020, Safety Requirements for Industrial Scissors Lifts (revision of ANSI MH29.1-2012)
PINS Date: Dec 22, 2017
Public Review Start: Apr 17, 2020
Approval Date: May 19, 2020

ANSI MH29.2-2020, Safety Requirements for Industrial Tilters (new standard)
PINS Date: Jul 27, 2018
Public Review Start: Apr 5, 2019
Approval Date: Apr 3, 2020

MHI (Material Handling Industry)
www.mhi.org

PINS Date: Oct 5, 2012
Public Review Start: Jul 18, 2014
Approval Date: Aug 11, 2015


PINS Date: Dec 21, 2018
Public Review Start: Feb 8, 2019
Approval Date: Dec 19, 2019


PINS Date: Oct 12, 2012
Public Review Start: Jul 18, 2014
Approval Date: Aug 11, 2015


PINS Date: Oct 12, 2012
Public Review Start: Jul 18, 2014
Approval Date: Aug 11, 2015


PINS Date: May 11, 2018
Public Review Start: Jun 22, 2018
Approval Date: Nov 30, 2018


PINS Date: Mar 2, 2018
Public Review Start: Sep 21, 2018
Approval Date: Nov 30, 2018


PINS Date: Dec 21, 2018
Public Review Start: Jan 25, 2019
Approval Date: Jul 29, 2019


PINS Date: Nov 10, 2017
Public Review Start: Feb 9, 2018
Approval Date: Jul 11, 2018


PINS Date: Jun 16, 2017
Public Review Start: Aug 4, 2017
Approval Date: Jun 11, 2018


PINS Date: Jun 16, 2017
Public Review Start: Aug 4, 2017
Approval Date: Jun 11, 2018

ANSI MH1-2019, *Pallets, Slip Sheets, and Other Bases for Unit Loads* (revision, redesignation and consolidation of ANSI MH1-2016, ANSI MH1.14-2016)

PINS Date: Aug 16, 2019
Public Review Start: Aug 16, 2019
Approval Date: Sep 19, 2019


PINS Date: Feb 9, 2018
Public Review Start: Feb 9, 2018
Approval Date: Sep 6, 2018

ANSI MH10.8.13-2016, *Material Handling - Label testing procedures for pressure-sensitive adhesive labels to be used for bar codes, other markings, and as carriers for other AIDC media.* (new standard)

PINS Date: Feb 1, 2008
Public Review Start: May 1, 2015
Approval Date: May 12, 2016


PINS Date: Feb 9, 2018
Public Review Start: Feb 9, 2018
Approval Date: Sep 6, 2018
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 21, 2012</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Sep 8, 2016</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Jul 8, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 14, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-114-2018</th>
<th>Corrosion Resistant Pipe Fittings, Threaded and Socket-Welding, Class 150 and 1000 (revision of ANSI/MSS SP-114-2007)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Nov 20, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 16, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-122-2017</th>
<th>Plastic Industrial Ball Valves  (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Jul 15, 2016</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Aug 18, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 20, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-134-2012</th>
<th>Valves for Cryogenic Service, including Requirements for Body/Bonnet Extensions  (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Sep 20, 2013</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Aug 22, 2014</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 12, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-135-2016</th>
<th>High Pressure Knife Gate Valves  (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Jul 24, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 12, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-138-2014</th>
<th>Quality Standard Practice for Oxygen Cleaning of Valves and Fittings  (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Apr 1, 2011</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Jul 26, 2013</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jul 29, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-144-2013</th>
<th>Pressure Seal Bonnet Valves  (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Sep 20, 2013</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Aug 22, 2014</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 12, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Jun 9, 2017</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Jul 28, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Mar 29, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-44-2019</th>
<th>Steel Pipeline Flanges  (revision of ANSI/MSS SP-44-2016)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Aug 30, 2019</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Feb 21, 2020</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 10, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Apr 2, 2010</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Feb 18, 2011</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Aug 26, 2011</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>Oct 18, 2013</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Dec 22, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 28, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/MSS SP-96-2017</th>
<th>Terminology for Valves, Fittings, and Their Related Components  (revision of ANSI/MSS SP-96-2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pins Date:</td>
<td>May 6, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 6, 2017</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

MTConnect (MTConnect Institute)
http://www.amtonline.org

ANSI/MTC1.4-2018, MTConnect Standard V1.4 (new standard)
PINS Date: May 25, 2018
Public Review Start: Jul 13, 2018
Approval Date: Dec 7, 2018

MTS (Institute for Market Transformation to Sustainability)
www.sustainableproducts.com

PINS Date: Jan 14, 2011
Public Review Start: Feb 18, 2011
Approval Date: Mar 6, 2012

NAAMM (National Association of Architectural Metal Manufacturers)
www.naamm.org

PINS Date: Dec 3, 2010
Public Review Start: Aug 5, 2011
Approval Date: Feb 23, 2012

ANSI/NAAMM HMMA 801-2012 (R2018), Glossary of Terms for Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 801-2012)
PINS Date: May 5, 2017
Public Review Start: May 4, 2018
Approval Date: Jun 29, 2018

PINS Date: Nov 19, 2010
Public Review Start: Feb 17, 2017
Approval Date: Nov 1, 2017

ANSI/NAAMM HMMA 841-2013 (R2019), Tolerances and Clearances for Commercial Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 841-2013)
PINS Date: Mar 23, 2018
Public Review Start: Nov 30, 2018
Approval Date: Feb 1, 2019

PINS Date: Mar 23, 2018
Public Review Start: Aug 3, 2018
Approval Date: Nov 1, 2018

PINS Date: Jan 31, 2014
Public Review Start: May 9, 2014
Approval Date: Sep 15, 2014

PINS Date: Nov 19, 2010
Public Review Start: Jun 7, 2013
Approval Date: Aug 5, 2013

PINS Date: Nov 19, 2010
Public Review Start: May 9, 2014
Approval Date: Sep 15, 2014

PINS Date: Nov 19, 2010
Public Review Start: Nov 16, 2012
Approval Date: Feb 27, 2013

ANSI/NAAMM HMMA 866-2012 (R2018), Guide Specifications for Stainless Steel Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 866-2012)
PINS Date: May 5, 2017
Public Review Start: Apr 27, 2018
Approval Date: Jun 29, 2018

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020
Approved American National Standards

PINS Date: Oct 10, 2014
Public Review Start: Jan 22, 2016
Approval Date: Apr 1, 2016

PINS Date: May 9, 2014
Public Review Start: Apr 29, 2016
Approval Date: Jun 3, 2019

PINS Date: May 9, 2014
Public Review Start: Mar 15, 2019
Approval Date: Jun 15, 2019

PINS Date: Nov 11, 2005
Public Review Start: May 12, 2006
Approval Date: Jun 15, 2009

ANSI/NAAMM MBG 534-2014, Metal Bar Grating Engineering Design Manual (new standard)
PINS Date: Nov 19, 2010
Public Review Start: Feb 1, 2013
Approval Date: Sep 30, 2014

NACE (NACE International, The Worldwide Corrosion Authority)
www.nace.org

PINS Date:
Approval Date: Nov 23, 2015
ISO Adoption

PINS Date: May 9, 2014
Public Review Start: Jul 10, 2015
Approval Date: May 3, 2016

PINS Date: Jun 20, 2014
Public Review Start: Sep 26, 2014
Approval Date: Mar 12, 2015
ISO Adoption

PINS Date: Mar 7, 2014
Public Review Start: Jun 5, 2015
Approval Date: Mar 4, 2016
ISO Adoption

ANSI/NACE SP0502-2010, Pipeline External Corrosion Direct Assessment Methodology (revision of ANSI/NACE SP0502-2002 (R2008))
PINS Date: Oct 16, 2009
Public Review Start: May 7, 2010
Approval Date: Dec 3, 2010

PINS Date: Sep 11, 2015
Approval Date: Jan 10, 2018

ISO Adoption
Approved American National Standards

ANSI/NACE Standard MR0103-2012, Materials Resistant to Sulfide Stress Cracking in Corrosive Petroleum Refining Environments (new standard)
PINS Date: July 1, 2011
Public Review Start: Aug 19, 2011
Approval Date: Oct 30, 2012

PINS Date: Nov 20, 2015
Public Review Start: Apr 18, 2016
Approval Date: Mar 22, 2016

PINS Date: July 3, 2015
Public Review Start: Dec 25, 2015
Approval Date: Mar 22, 2016

ANSI/NACE TMXXXX-2016, Test Method for Monitoring Atmospheric Corrosion Rate by Electrochemical Measurements (new standard)
PINS Date: Nov 27, 2015
Public Review Start: Apr 29, 2016
Approval Date: Jun 29, 2016

NALFA (North American Laminate Flooring Association)
www.nalfa.com

PINS Date: Aug 25, 2017
Public Review Start: Aug 31, 2018
Approval Date: Jun 21, 2019

ANSI/NALFA LF-02-2019, Sustainability Assessment of Laminate Flooring (revision of ANSI/NALFA LF-02-2010)
PINS Date: Aug 25, 2017
Public Review Start: Aug 31, 2018
Approval Date: Jun 21, 2019

ANSI/NALFA LF-03-2019, Flooring Underlayment Specifications and Test Methods (new standard)
PINS Date: Aug 25, 2017
Public Review Start: Aug 31, 2018
Approval Date: Jun 21, 2019

NAPSA (North American Power Sweeping Association)
www.PowerSweeping.org

PINS Date: Aug 24, 2018
Public Review Start: Oct 19, 2018
Approval Date: Dec 17, 2018

NASBLA (National Association of State Boating Law Administrators)
www.nasbla.org

ANSI/NASBLA 101-2017, Basic Boating Knowledge - Human-Propelled (new standard)
PINS Date: Feb 6, 2015
Public Review Start: Jun 16, 2017
Approval Date: Sep 28, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Date of Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/NASBLA 103.1-2018</td>
<td>Supplement Basic Boating Knowledge - Water-Jet Propelled Boats (supplement to ANSI/NASBLA 103-2016)</td>
<td>Mar 2, 2018</td>
</tr>
<tr>
<td>ANSI/NASPO IDV-2018</td>
<td>Requirements and Implementation Guidelines for Assertion, Resolution, Evidence and Verification of Personal Identity (new standard)</td>
<td>Mar 8, 2018</td>
</tr>
<tr>
<td>ANSI/NASPO SD 01-2014</td>
<td>Minimum security requirements for security documents (new standard)</td>
<td>Sep 24, 2014</td>
</tr>
<tr>
<td>NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)</td>
<td><a href="http://www.nationalboard.org">www.nationalboard.org</a></td>
<td></td>
</tr>
<tr>
<td>NCMA (National Contract Management Association)</td>
<td><a href="http://www.ncmahq.org">www.ncmahq.org</a></td>
<td></td>
</tr>
<tr>
<td>NCPDP (National Council for Prescription Drug Programs)</td>
<td><a href="http://www.ncpdp.org">www.ncpdp.org</a></td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020


PINS Date:
Public Review Start:  Dec 6, 2013
Approval Date:  Apr 21, 2014


PINS Date:
Approval Date:  Aug 18, 2016


PINS Date:
Public Review Start:  Sep 2, 2016
Approval Date:  Apr 4, 2017


PINS Date:
Public Review Start:  Mar 10, 2017
Approval Date:  Oct 26, 2017


PINS Date:
Public Review Start:  Sep 14, 2018
Approval Date:  Jan 18, 2019


PINS Date:
Public Review Start:  Sep 13, 2019
Approval Date:  Dec 6, 2019


PINS Date:
Public Review Start:  Mar 9, 2018
Approval Date:  Aug 13, 2018


PINS Date:
Public Review Start:  Sep 14, 2018
Approval Date:  Jan 18, 2019


PINS Date:
Public Review Start:  Mar 15, 2019
Approval Date:  Jul 19, 2019


PINS Date:
Public Review Start:  Sep 13, 2019
Approval Date:  Dec 6, 2019


PINS Date:
Public Review Start:  Feb 27, 2015
Approval Date:  Jul 31, 2015


PINS Date:
Public Review Start:  Jun 14, 2013
Approval Date:  Oct 3, 2013
ANSI/NCPDP FB v4.2-2014, NCPDP Formulary and Benefit Standard v4.2-201x (revision and redesignation of ANSI/NCPDP FB v4.1-2013)
PINS Date:    
Public Review Start: May 30, 2014 
Approval Date: Oct 6, 2014

ANSI/NCPDP FB v4.3-2015, NCPDP Formulary and Benefit Standard v4.3 (revision and redesignation of ANSI/NCPDP FB v4.2-2014)
PINS Date:    
Public Review Start: Sep 5, 2014 
Approval Date: Jan 21, 2015

ANSI/NCPDP FB v4.4-2015, NCPDP Formulary and Benefit Standard v44 (revision and redesignation of ANSI/NCPDP FB v4.3-2015)
PINS Date:    
Public Review Start: Feb 27, 2015 
Approval Date: Dec 9, 2015

ANSI/NCPDP FB v50-2016, NCPDP Formulary and Benefit Standard v50 (revision and redesignation of ANSI/NCPDP FB v44-2015)
PINS Date:    
Approval Date: Nov 8, 2016

ANSI/NCPDP FB v51-2017, NCPDP Formulary and Benefit Standard v51 (revision and redesignation of ANSI/NCPDP FB v50-2016)
PINS Date:    
Public Review Start: Mar 10, 2017 
Approval Date: Jul 28, 2017

PINS Date:    
Public Review Start: Sep 14, 2018 
Approval Date: Jan 18, 2019

PINS Date:    
Public Review Start: Sep 13, 2019 
Approval Date: Dec 6, 2019

PINS Date:    
Public Review Start: Sep 2, 2016 
Approval Date: Jan 31, 2017

PINS Date:    
Public Review Start: Mar 10, 2017 
Approval Date: Jul 28, 2017

PINS Date:    
Public Review Start: Sep 14, 2018 
Approval Date: Jan 18, 2019

ANSI/NCPDP Medical Rebate Standard v02.01-2013, NCPDP Medical Rebate Data Submission Standard v02.01 (revision and redesignation of ANSI/NCPDP Medical Rebate Standard v01.00-2011)
PINS Date:    
Public Review Start: Dec 14, 2012 
Approval Date: Apr 10, 2013

ANSI/NCPDP Medical Rebate Standard v02.02-2014, NCPDP Medical Rebate Data Submission Implementation Guide v02.02-201x (revision and redesignation of ANSI/NCPDP Medical Rebate Standard v02.01-2013)
PINS Date:    
Public Review Start: Dec 6, 2013 
Approval Date: Apr 21, 2014

ANSI/NCPDP MR v06.01-2013, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v06.01-201x (revision and redesignation of ANSI/NCPDP MR v06.00-2013)
PINS Date:    
Public Review Start: Dec 14, 2012 
Approval Date: Oct 17, 2013
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date:</th>
<th>Public Review Start:</th>
<th>Approval Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/NCPDP MR v07.00-2014, NCPDP Manufacturer</td>
<td>Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.00-201x (revision and redesignation of ANSI/NCPDP MR v06.01-2013)</td>
<td>Public Review Start:</td>
<td>Jun 14, 2013</td>
<td>Approval Date: Feb 28, 2014</td>
</tr>
<tr>
<td>ANSI/NCPDP MR v07.02-2018, NCPDP Manufacturer</td>
<td>Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.02-201x (revision and redesignation of ANSI/NCPDP MR v07.01-2014)</td>
<td>Public Review Start:</td>
<td>Sep 8, 2017</td>
<td>Approval Date: Jan 24, 2018</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Dec 14, 2012
Approval Date: Apr 10, 2013

PINS Date:
Public Review Start: Dec 6, 2013
Approval Date: Apr 22, 2014

ANSI/NCPDP Post Adj v44-2014, NCPDP Post Adjudication Standard v4.4-2014x (revision and redesignation of ANSI/NCPDP Post Adj v4.3-2014)
PINS Date:
Public Review Start: May 30, 2014
Approval Date: Oct 6, 2014

ANSI/NCPDP Post Adj v45-2016, NCPDP Post Adjudication Standard v45 (revision and redesignation of ANSI/NCPDP Post Adj v44-2014)
PINS Date:
Approval Date: Aug 18, 2016

PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Apr 4, 2017

PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Oct 25, 2017

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Jul 24, 2018

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Jan 29, 2019

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: Jul 19, 2019

PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Dec 6, 2019

PINS Date:
Public Review Start: Dec 6, 2013
Approval Date: Aug 5, 2014

PINS Date:
Public Review Start: Dec 14, 2012
Approval Date: Apr 10, 2013

PINS Date:
Public Review Start: Jun 14, 2013
Approval Date: Oct 3, 2013
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:  Public Review Start:  Mar 4, 2016
Approval Date:  Aug 22, 2016

PINS Date:  Public Review Start:  Sep 2, 2016
Approval Date:  Mar 2, 2017

PINS Date:  Public Review Start:  Mar 10, 2017
Approval Date:  Jul 28, 2017

PINS Date:  Public Review Start:  Oct 5, 2018
Approval Date:  Jan 29, 2019

PINS Date:  Public Review Start:  Sep 13, 2019
Approval Date:  Dec 6, 2019

ANSI/NCPDP Product Identifier v1.0-2014, NCPDP Product Identifier Standard v1.0 (new standard)
PINS Date:  Public Review Start:  Oct 6, 2014

PINS Date:  Public Review Start:  Feb 27, 2015
Approval Date:  Jul 31, 2015

PINS Date:  Public Review Start:  Sep 11, 2015
Approval Date:  Feb 29, 2016

PINS Date:  Public Review Start:  Sep 2, 2016
Approval Date:  Jan 31, 2017

PINS Date:  Public Review Start:  Mar 10, 2017
Approval Date:  Jul 28, 2017

PINS Date:  Public Review Start:  Sep 13, 2019
Approval Date:  Dec 6, 2019

(revision and redesignation of ANSI/NCPDP RDS Standard v2.0-2013)
PINS Date:  Public Review Start:  Mar 9, 2018
Approval Date:  Jul 24, 2018
<table>
<thead>
<tr>
<th>Standard Name</th>
<th>Old Standard Code</th>
<th>New Standard Code</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/NCPDP SC Standard 2018071-2018, NCPDP
SCRIPT Standard 2018071  (revision and redesignation of BSR/NCPDP SC WG110077201xxx-201x)
PINS Date:  
Public Review Start:  Mar 9, 2018  
Approval Date:  Jul 27, 2018

ANSI/NCPDP SC Standard 2019011-2019, NCPDP
SCRIPT Standard 2019011  (revision and redesignation of ANSI/NCPDP SC Standard 2018071-2018)
PINS Date:  
Public Review Start:  Sep 14, 2018  
Approval Date:  Jan 29, 2019

ANSI/NCPDP SC Standard 2020011-2019, NCPDP
SCRIPT Standard 2020011  (revision and redesignation of ANSI/NCPDP Specialized Standard 2019071-2019)
PINS Date:  
Public Review Start:  Sep 13, 2019  
Approval Date:  Dec 6, 2019

ANSI/NCPDP SC Standard 21090712019, NCPDP
SCRIPT Standard 2019071x  (revision and redesignation of ANSI/NCPDP SC Standard 2019011-2019)
PINS Date:  
Public Review Start:  Mar 15, 2019  
Approval Date:  Jul 19, 2019

ANSI/NCPDP SC V10.6-2008, SCRIPT Standard Implementation Guide Version 0.6  (revision and redesignation of ANSI/NCPDP SC V10.5-2008)
PINS Date:  
Public Review Start:  Nov 12, 2008  
Approval Date:  Nov 12, 2008

ANSI/NCPDP SCRIPT 2015041-2015, NCPDP SCRIPT Standard 2015041  (revision and redesignation of BSR/NCPDP SC WG110060201xxx#)
PINS Date:  
Public Review Start:  Sep 5, 2014  
Approval Date:  May 19, 2015

PINS Date:  
Public Review Start:  Oct 18, 2013  
Approval Date:  Jun 2, 2014

ANSI/NCPDP Specialized Standard 20130401-2013, NCPDP Specialized Standard 20130401  (revision of BSR/NCPDP Specialized Standard MC000005201xxx#)
PINS Date:  
Public Review Start:  Dec 14, 2012  
Approval Date:  Apr 10, 2013

ANSI/NCPDP Specialized Standard 2013071-2013, NCPDP Specialized Standard 2013071  (revision and redesignation of BSR/NCPDP Specialized Standard MC000005201xxx#)
PINS Date:  
Public Review Start:  Mar 8, 2013  
Approval Date:  Sep 17, 2013

ANSI/NCPDP Specialized Standard 2013101-2013, NCPDP Specialized Standard 2013101  (revision and redesignation of NCPDP Specialized Standard WG110053201xxx#)
PINS Date:  
Public Review Start:  Jun 14, 2013  
Approval Date:  Oct 3, 2013

ANSI/NCPDP Specialized Standard 2014041-2014, NCPDP Specialized Standard 2014041  (revision and redesignation of ANSI/NCPDP Specialized Standard 2013101-2013)
PINS Date:  
Public Review Start:  Oct 18, 2013  
Approval Date:  May 30, 2014

ANSI/NCPDP Specialized Standard 2014072-2014, NCPDP Specialized Standard 2014072  (revision and redesignation of NCPDP Specialized Standard WG110057201xxx#)
PINS Date:  
Public Review Start:  Dec 6, 2013  
Approval Date:  Jul 17, 2014

ANSI/NCPDP Specialized Standard 2014101-2014, NCPDP Specialized Standard 2014101  (revision and redesignation of NCPDP Specialized Standard WG110060201xxx#)
PINS Date:  
Public Review Start:  May 30, 2014  
Approval Date:  Oct 6, 2014
PINS Date:  
Public Review Start:  Sep 5, 2014  
Approval Date:  May 11, 2015

PINS Date:  
Public Review Start:  Feb 27, 2015  
Approval Date:  Aug 4, 2015

PINS Date:  
Public Review Start:  Sep 11, 2015  
Approval Date:  Apr 25, 2016

PINS Date:  
Public Review Start:  Sep 2, 2016  
Approval Date:  Jan 31, 2017

PINS Date:  
Public Review Start:  Mar 10, 2017  
Approval Date:  Aug 24, 2017

PINS Date:  
Public Review Start:  Sep 8, 2017  
Approval Date:  May 9, 2018

PINS Date:  
Public Review Start:  Mar 9, 2018  
Approval Date:  Jul 24, 2018

PINS Date:  
Public Review Start:  Sep 14, 2018  
Approval Date:  Jan 29, 2019

PINS Date:  
Public Review Start:  Mar 15, 2019  
Approval Date:  Jul 19, 2019

PINS Date:  Mar 17, 2017  
Public Review Start:  Sep 8, 2017  
Approval Date:  Jan 24, 2018

PINS Date:  
Public Review Start:  Sep 14, 2018  
Approval Date:  Jan 29, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Jul 19, 2019

PINS Date: Public Review Start: Sep 13, 2019 Approval Date: Dec 6, 2019

ANSI/NCPDP State Medicaid Provider File Standard v10-2019, NCPDP State Medicaid Provider File Standard v10 (new standard)
PINS Date: Apr 26, 2019 Public Review Start: Sep 13, 2019 Approval Date: Dec 6, 2019


ANSI/NCPDP TC vD.0-2007, Telecommunication Standard Version D.0 (revision and redesignation of ANSI/NCPDP TC VC.4-2007)
PINS Date: Public Review Start: Apr 6, 2007 Approval Date: Aug 7, 2007

ANSI/NCPDP TC vE.1-2013, NCPDP Telecommunication Standard vE.1-201x (revision and redesignation of ANSI/NCPDP TC vE.0-2013)
PINS Date: Public Review Start: Sep 14, 2012 Approval Date: Feb 27, 2013

ANSI/NCPDP TC vE.2-2013, NCPDP Telecommunication Standard vE.2-2013 (revision and redesignation of ANSI/NCPDP TC vE.1-2013)
PINS Date: Public Review Start: Dec 14, 2012 Approval Date: Apr 10, 2013

ANSI/NCPDP TC vE.3-2013, NCPDP Telecommunication Standard vE.3-2013 (revision and redesignation of ANSI/NCPDP TC vE.2-2013)
PINS Date: Public Review Start: Mar 8, 2013 Approval Date: Oct 22, 2013

ANSI/NCPDP TC vE.4-2014, NCPDP Telecommunication Standard vE.4-2014 (revision and redesignation of ANSI/NCPDP TC vE.3-2013)
PINS Date: Public Review Start: Oct 18, 2013 Approval Date: Jan 21, 2014

ANSI/NCPDP TC vE.5-2014, NCPDP Telecommunication Standard vE.5-201x (revision and redesignation of ANSI/NCPDP TC vE.4-2014)
PINS Date: Public Review Start: Dec 6, 2013 Approval Date: Apr 22, 2014

ANSI/NCPDP TC vE.6-2014, NCPDP Telecommunication Standard vE6 (revision and redesignation of ANSI/NCPDP TC vE5-2014)
PINS Date: Public Review Start: May 30, 2014 Approval Date: Oct 6, 2014

ANSI/NCPDP TC vE.7-2015, NCPDP Telecommunication Standard vE7 (revision and redesignation of ANSI/NCPDP TC vE6-2014)
PINS Date: Public Review Start: Feb 27, 2015 Approval Date: Jul 30, 2015

ANSI/NCPDP TC vE.8-2016, NCPDP Telecommunication Standard vE8 (revision and redesignation of ANSI/NCPDP TC vE7-2015)
PINS Date: Public Review Start: Sep 11, 2015 Approval Date: Mar 4, 2016
Approved American National Standards

ANSI/NCPDP TC vE9-2016, NCPDP Telecommunication Standard vE9 (revision and redesignation of ANSI/NCPDP TC vE8-2016)
PINS Date:
Approval Date: Oct 11, 2016

PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Apr 4, 2017

PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Oct 31, 2017

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Jul 27, 2018

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Jan 29, 2019

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: Jul 19, 2019

PINS Date:
Public Review Start: Dec 6, 2019
Approval Date: Jul 19, 2019

PINS Date:
Public Review Start: Dec 6, 2013
Approval Date: Apr 22, 2014

PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Apr 4, 2017

PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: Oct 31, 2017

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Jul 20, 2018

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Jan 18, 2019

PINS Date:
Public Review Start: Mar 15, 2019
Approval Date: Jul 19, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:   
Public Review Start:   Sep 13, 2019 
Approval Date:   Dec 6, 2019

PINS Date:   
Public Review Start:   Dec 14, 2012 
Approval Date:   Apr 18, 2013

NCSLI (ASC Z540) (National Conference of Standards Laboratories)
www.ncsli.org

ANSI NCSL Z540.3-2006 (R2013), Requirements for the Calibration of Measuring and Test Equipment (reaffirmation of ANSI NCSL Z540.3-2006)
PINS Date:   
Public Review Start:   Mar 30, 2012 
Approval Date:   Mar 26, 2013

PINS Date:   
Public Review Start:   Jan 27, 2012 
Approval Date:   Jan 14, 2013

NECA (National Electrical Contractors Association)
www.neca-neis.org

ANSI/NECA 1-2006 (R2015), Standard for Good Workmanship in Electrical Construction (reaffirmation of ANSI/NECA 1-2006 (R2010))
PINS Date:   
Public Review Start:   Jan 16, 2014 
Approval Date:   Jun 17, 2015

ANSI/NECA 100-2006 (R2013), Symbols for Electrical Construction Drawings (reaffirmation of ANSI/NECA 100-2006)
PINS Date:   
Public Review Start:   Jan 18, 2013 
Approval Date:   Mar 26, 2013

PINS Date:   
Public Review Start:   Jan 18, 2013 
Approval Date:   Mar 11, 2013

ANSI/NECA 104-2012, Standard for Installing Aluminum Building Wire and Cable (revision of ANSI/NECA 104-2006)
PINS Date:   
Approval Date:   Oct 22, 2012

Provided by American National Standards Institute   www.ansi.org   Monday, June 15, 2020   PAGE | 733
ANSI/NECA 111-2017, Standard for Installing Nonmetallic Raceways (RNC, ENT, LFNC) (new standard)
PINS Date: Aug 3, 2012
Public Review Start: May 12, 2017
Approval Date: Aug 2, 2017

ANSI/NECA 130-2016, Standard for Installing and Maintaining Wiring Devices (revision of ANSI/NECA 130-2010)
PINS Date: May 15, 2015
Public Review Start: Jan 15, 2016
Approval Date: May 3, 2016

ANSI/NECA 169-2016, Standard for Installing and Maintaining Arc-Fault Circuit Interrupters (AFCIs) and Ground-Fault Circuit Interrupters (GFCIs) (revision of ANSI/NECA 169-2010)
PINS Date: May 15, 2015
Public Review Start: Jan 15, 2016
Approval Date: May 3, 2016

PINS Date: Public Review Start: Nov 27, 2015
Approval Date: Apr 19, 2016

PINS Date: Nov 23, 2012
Public Review Start: Feb 22, 2013
Approval Date: Aug 6, 2013

PINS Date: May 8, 2015
Public Review Start: Jan 15, 2016
Approval Date: Apr 25, 2016

PINS Date: Jan 22, 2010
Public Review Start: Jun 21, 2019
Approval Date: Sep 9, 2019

PINS Date: May 27, 2016
Public Review Start: Jul 14, 2017
Approval Date: Apr 25, 2018

ANSI/NECA 331-2020, Standard for Installing Building Service Entrance Grounding (new standard)
PINS Date: Jul 6, 2018
Public Review Start: Dec 27, 2019
Approval Date: Mar 24, 2020

PINS Date: Jun 22, 2012
Public Review Start: Jul 11, 2014
Approval Date: Sep 9, 2014

ANSI/NECA 402-2020, Standard for Installing and Maintaining Motor Control Centers (new standard)
PINS Date: Jun 21, 2019
Public Review Start: Dec 27, 2019
Approval Date: Mar 24, 2020

ANSI/NECA 404-2014, Standard for Installing Generator Sets (revision of ANSI/NECA 404-2006)
PINS Date: Public Review Start: Sep 20, 2013
Approval Date: Feb 28, 2014

PINS Date: Jul 4, 2014
Public Review Start: Dec 19, 2014
Approval Date: Mar 12, 2015

ANSI/NECA 408-2015, Standard for Installing and Maintaining Busways (revision of ANSI/NECA 408-2009)
PINS Date: Jul 4, 2014
Public Review Start: Feb 20, 2015
Approval Date: Apr 20, 2015

Provided by American National Standards Institute   www.ansi.org   Monday, June 15, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
**Approved American National Standards**

The data in this document is reported as of Monday, June 15, 2020

<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/NECA/NACMA 120-2018</td>
<td>Standard for Installing Armored Cable (Type AC) and Type Metal-Clad (MC) Cable (revision of ANSI/NECA 120-2012)</td>
<td></td>
<td></td>
<td>Nov 10, 2017</td>
<td>Jun 28, 2018</td>
</tr>
<tr>
<td>ANSI C119.4-2016</td>
<td>Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C (revision of ANSI C119.4-2010)</td>
<td></td>
<td></td>
<td>Oct 16, 2015</td>
<td>Jul 7, 2016</td>
</tr>
<tr>
<td>ANSI C119.5-2018</td>
<td>Insulation Piercing Connector Systems, Rated 600 Volts or Less (Low-Voltage Aerial Bundled Cables and Insulated and Non-Insulated Line Wires) (revision of ANSI C119.5-2009)</td>
<td></td>
<td></td>
<td>Nov 13, 2015</td>
<td>Aug 21, 2018</td>
</tr>
<tr>
<td>ANSI C119.6-2018</td>
<td>Electric Connectors Non-Sealed, Multiport Connector Systems Rated 600 Volts or Less for Aluminum and Copper Conductors (revision of ANSI C119.6-2011)</td>
<td></td>
<td></td>
<td>Nov 10, 2017</td>
<td>Jun 29, 2018</td>
</tr>
</tbody>
</table>

**NEMA (ASC C119) (National Electrical Manufacturers Association)**

www.nema.org

**NEMA (ASC C12) (National Electrical Manufacturers Association)**

www.nema.org

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 736
**Approved American National Standards**

The data in this document is reported as of Monday, June 15, 2020

**ANSI C12.11-2006 (R2019)**, *Instrument Transformers for Revenue Metering 10kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV)* (reaffirmation of ANSI C12.11-2006 (R2014))

- PINS Date:  
- Public Review Start: Jul 26, 2019  
- Approval Date: Sep 23, 2019


- PINS Date:  
- Public Review Start: Jun 10, 2016  
- Approval Date: Aug 23, 2016


- PINS Date: Dec 6, 2013  
- Public Review Start: Feb 14, 2014  
- Approval Date: Oct 2, 2014

**ANSI C12.20-2017**, *Standard for Electricity Meters - 0.1, 0.2 and 0.5 Accuracy Classes* (revision of ANSI C12.20-2010)

- PINS Date: Nov 27, 2015  
- Approval Date: Jan 24, 2017


- PINS Date:  
- Public Review Start: Jun 10, 2016  
- Approval Date: Aug 23, 2016


- PINS Date:  
- Public Review Start: Feb 14, 2014  
- Approval Date: Apr 14, 2015

**ANSI C12.4-1984 (R2011)**, *Registers, Mechanical Demand* (reaffirmation of ANSI C12.4-1984 (R2002))

- PINS Date:  
- Public Review Start: Nov 12, 2010  
- Approval Date: May 19, 2011

**ANSI C12.5-1978 (R2011)**, *Meters, Thermal Demand* (reaffirmation of ANSI C12.5-1978 (R2002))

- PINS Date: Feb 6, 2009  
- Public Review Start: Nov 12, 2010  
- Approval Date: May 19, 2011

**ANSI C12.6-1987 (R2016)**, *Phase-Shifting Devices Used In Metering, Marking and Arrangement of Terminals* (reaffirmation of ANSI C12.6-1987 (R2011))

- PINS Date: Jun 10, 2016  
- Approval Date: Jan 12, 2017

**ANSI C12.7-2005 (R2014)**, *Requirements for Watthour Meter Sockets* (reaffirmation of ANSI C12.7-2005)

- PINS Date: Aug 3, 2012  
- Public Review Start: Feb 1, 2013  
- Approval Date: Aug 14, 2014


- PINS Date: Feb 6, 2009  
- Public Review Start: Nov 12, 2010  
- Approval Date: May 19, 2011


- PINS Date: Aug 3, 2012  
- Public Review Start: May 30, 2014  
- Approval Date: Sep 17, 2014

**ANSI IEC 62056-6-2 ED3-2019**, *Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 6-2: COSEM Interface Classes* (identical national adoption of IEC 62056-6-2 ED3)

- PINS Date: Apr 20, 2018  
- Public Review Start: Feb 8, 2019  
- Approval Date: Jul 8, 2019  
  **IEC Adoption**

**ANSI/IEC 62056-5-3 ED3-2019**, *Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 5 - 3: DLMS/COSEM application layer* (identical national adoption of IEC 62056-5-3 ED3)

- PINS Date: Apr 20, 2018  
- Public Review Start: Feb 8, 2019  
- Approval Date: Jul 8, 2019  
  **IEC Adoption**
ANSI/IEC 62056-6-1 ED3-2019, *Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 6-1: Object Identification System (OBIS)* (identical national adoption of IEC 62056-6-1 ED3)
PINS Date: Apr 20, 2018
Public Review Start: Feb 8, 2019
Approval Date: Jul 8, 2019

IEC Adoption

PINS Date: Apr 20, 2018
Public Review Start: Feb 8, 2019
Approval Date: Jul 8, 2019

IEC Adoption

ANSI/IEC 62056-9-7 ed 1.0-2019, *Electricity Metering Data Exchange - Communication profile for TCP-UDP/IP networks.* (identical national adoption of IEC 62056-9-7 ED 1.0)
PINS Date: Apr 20, 2018
Public Review Start: Feb 8, 2019
Approval Date: Jul 8, 2019

IEC Adoption

**NEMA (ASC C136) (National Electrical Manufacturers Association)**
www.nema.org

PINS Date: 
Public Review Start: Dec 15, 2017
Approval Date: Apr 17, 2018

PINS Date: Aug 7, 2015
Public Review Start: Jun 16, 2017
Approval Date: Oct 27, 2017

ANSI C136.11-2011 (R2016), *Standard for Roadway and Area Lighting Equipment - Multiple Sockets* (reaffirmation of ANSI C136.11-2011)
PINS Date: 
Public Review Start: Jul 1, 2016
Approval Date: Jun 27, 2017

PINS Date: Apr 26, 2019
Public Review Start: Jun 28, 2019
Approval Date: Aug 13, 2019

PINS Date: Jun 14, 2013
Public Review Start: Apr 25, 2014
Approval Date: Jun 27, 2014

PINS Date: Nov 1, 2013
Public Review Start: Sep 5, 2014
Approval Date: Nov 12, 2014

PINS Date: Jan 17, 2014
Public Review Start: Jan 2, 2015
Approval Date: Nov 3, 2015

PINS Date: Nov 30, 2018
Public Review Start: Mar 8, 2019
Approval Date: Aug 8, 2019
PINS Date: Aug 26, 2016
Approval Date: Jun 6, 2017

PINS Date: Jan 23, 2015
Public Review Start: Apr 13, 2018
Approval Date: Sep 20, 2018

PINS Date: Aug 26, 2016
Approval Date: Jun 27, 2017

PINS Date: May 19, 2017
Public Review Start: Jul 7, 2017
Approval Date: Sep 20, 2018

PINS Date: Nov 25, 2011
Approval Date: Jan 29, 2013

PINS Date: Public Review Start: Feb 8, 2019
Approval Date: Apr 10, 2019

PINS Date: Jan 25, 2019
Public Review Start: Oct 11, 2019
Approval Date: Nov 26, 2019

PINS Date: Jun 17, 2011
Public Review Start: Nov 9, 2012
Approval Date: Jan 15, 2013

ANSI C136.24-2020, For Roadway and Area Lighting Equipment - Nonlocking (Button) Type Photocontrols (revision of ANSI C136.24-2005 (R2010))
PINS Date: Jul 11, 2014
Public Review Start: Jan 17, 2020
Approval Date: Feb 24, 2020

ANSI C136.25-2019, Ingress Protection (Resistance to Dust, Solid Objects, and Moisture) for Luminaire Enclosures (revision of ANSI C136.25-2013)
PINS Date: Dec 28, 2018
Public Review Start: Mar 8, 2019
Approval Date: Dec 9, 2019

PINS Date: Public Review Start: Jan 24, 2020
Approval Date: Mar 19, 2020

PINS Date: Jun 17, 2011
Public Review Start: Apr 13, 2012
Approval Date: Jun 5, 2012

ANSI C136.28-2006 (S2017), Standard for Roadway and Area Lighting Equipment Glass Lenses Used in Luminaires (stabilized maintenance of ANSI C136.28-2006 (R2011))
PINS Date: Jun 3, 2016
Approval Date: Jun 6, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI C136.3-2020</td>
<td>Luminaire Attachments (revision of ANSI C136.3-2014)</td>
<td>Apr 26, 2019</td>
<td>Jan 17, 2020</td>
<td>Mar 3, 2020</td>
</tr>
<tr>
<td>ANSI C136.35-2020</td>
<td>Locking Type Power Taps (LTPT) (revision of ANSI C136.35-2009 (R2014))</td>
<td>Apr 26, 2019</td>
<td>Jan 24, 2020</td>
<td>Mar 13, 2020</td>
</tr>
<tr>
<td>ANSI C136.41-2013</td>
<td>Roadway and Area Lighting Equipment - Dimming Control between an External Locking Type Photocontrol and Ballast or Driver (new standard)</td>
<td>Jan 16, 2009</td>
<td>Sep 6, 2013</td>
<td>Dec 5, 2013</td>
</tr>
<tr>
<td>ANSI Standard</td>
<td>Description</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------</td>
<td>-----------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>ANSI C136.48-2018</td>
<td>For Roadway and Area Lighting Equipment - Remote Monitoring and Controls (new standard)</td>
<td>Nov 1, 2013</td>
<td>Apr 13, 2018</td>
<td>Sep 25, 2018</td>
</tr>
<tr>
<td>ANSI C136.5-1989 (S2019)</td>
<td>Film Cutouts (stabilized maintenance of ANSI C136.5-1989 (R2013))</td>
<td>Dec 7, 2018</td>
<td>Jan 29, 2019</td>
<td></td>
</tr>
<tr>
<td>ANSI C136.6-2004 (R2018)</td>
<td>For Roadway and Area Lighting Equipment Metal Heads and Reflector Assemblies Mechanical and Optical Interchangeability (reaffirmation of ANSI C136.6-2004 (R2012))</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANSI C137.4-2019, Standard for Digital Interface with Auxiliary Power for Devices (new standard)
PINS Date: Sep 29, 2017
Public Review Start: Dec 14, 2018
Approval Date: Jul 9, 2019

ANSI/C137.1-2019, Zero to Ten Volt (0-10V) Analog Control Interface for Solid-State and fluorescent Lighting (new standard)
PINS Date: Jul 10, 2015
Public Review Start: Nov 17, 2017
Approval Date: Jul 9, 2019

NEMA (ASC C18) (National Electrical Manufacturers Association)
www.nema.org

PINS Date: Mar 22, 2019
Public Review Start: Apr 27, 2015
Approval Date: May 10, 2019

PINS Date: Jan 7, 2011
Public Review Start: Feb 27, 2015
Approval Date: Apr 29, 2015

PINS Date: Jan 7, 2011
Public Review Start: Sep 6, 2013
Approval Date: Dec 4, 2013

PINS Date: Jul 22, 2016
Public Review Start: Oct 18, 2019
Approval Date: Dec 5, 2019

PINS Date: Jan 7, 2011
Public Review Start: Feb 22, 2013
Approval Date: Mar 27, 2014

PINS Date: Apr 8, 2016
Public Review Start: Dec 21, 2018
Approval Date: Jun 25, 2019

PINS Date: Dec 7, 2018
Public Review Start: Mar 22, 2019
Approval Date: May 10, 2019

ANSI C18.4M-2017, Standard for Portable Cells and Batteries Environmental (revision of ANSI C18.4-2015)
PINS Date: Apr 15, 2016
Public Review Start: Aug 18, 2017
Approval Date: Nov 2, 2017

NEMA (ASC C29) (National Electrical Manufacturers Association)
www.nema.org

PINS Date: Jul 24, 2015
Public Review Start: Jun 9, 2017
Approval Date: Jan 8, 2018

PINS Date: Jul 24, 2015
Public Review Start: Jun 9, 2017
Approval Date: Aug 18, 2017
ANSI C29.11-2020, Composite Insulators Test Methods
(revision of ANSI C29.11-2012)
PINS Date: Feb 2, 2018
Public Review Start: Feb 7, 2020
Approval Date: May 5, 2020

ANSI C29.12-2020, Composite Insulators Transmission
Suspension Type (revision of ANSI C29.12-2013)
PINS Date: Mar 22, 2019
Public Review Start: Feb 7, 2020
Approval Date: Apr 24, 2020

ANSI C29.13-2018, Composite Insulators Distribution
Deadend Type (revision of ANSI C29.13-2012)
PINS Date: Feb 2, 2018
Public Review Start: Apr 6, 2018
Approval Date: Nov 29, 2018

ANSI C29.17-2013, Standard for Insulators - Composite -
Line Post Type (new standard)
PINS Date: Jul 27, 2012
Public Review Start: Sep 14, 2012
Approval Date: Oct 3, 2013

ANSI C29.18-2013, Standard for Composite Insulators -
Distribution Line Post Type (revision of ANSI C29.18-2003)
PINS Date: Aug 3, 2012
Public Review Start: Sep 21, 2012
Approval Date: May 28, 2013

ANSI C29.19-2020, Composite Insulators Station Post Type
(new standard)
PINS Date: Feb 2, 2018
Public Review Start: Feb 7, 2020
Approval Date: Apr 24, 2020

ANSI C29.2A-2020, Wet Process Porcelain and
Toughened Glass Distribution Suspension Type (revision of
ANSI C29.2A-2013)
PINS Date: Feb 7, 2020
Approval Date: Apr 24, 2020

ANSI C29.2B-2013, Standard for Insulators - Wet Process
Porcelain and Toughened Glass - Transmission
Suspension Type (new standard)
PINS Date: Mar 8, 2013
Public Review Start: Apr 5, 2013
Approval Date: May 30, 2013

ANSI C29.8-2017, Wet Process Porcelain Insulators -
Apparatus, Cap and Pin Type (revision of ANSI C29.8
-1985 (R2012))
PINS Date: Jul 24, 2015
Public Review Start: Jun 9, 2017
Approval Date: Aug 18, 2017

ANSI NEMA C29.3-2015, Standard for Wet Process
Porcelain Insulators - Spool Type (revision and
redesignation of ANSI C29.3-1986 (R2012))
PINS Date: Jul 29, 2015
Public Review Start: Jul 4, 2014
Approval Date: Jul 29, 2015

ANSI NEMA C29.4-2015, Standard for Wet Process
Porcelain Insulators - Strain Type (revision and
redesignation of ANSI C29.4-1989 (R2012))
PINS Date: Jul 29, 2015
Public Review Start: Jul 4, 2014
Approval Date: Jul 30, 2015

ANSI NEMA C29.5-2015, Standard for Wet Process
Porcelain Insulators - Low and Medium Voltage Types
(revision and redesignation of ANSI C29.5-1984 (R2012))
PINS Date: Jul 30, 2015
Public Review Start: Jul 4, 2014
Approval Date: Jul 30, 2015

ANSI NEMA C29.6-2015, Standard for Wet Process
Porcelain Insulators - High Voltage Pin Type (revision and
redesignation of ANSI C29.6-1996 (R2012))
PINS Date: Jul 30, 2015
Public Review Start: Jul 4, 2014
Approval Date: Jul 30, 2015
ANSI/NEMA C29.7-2015, Standard for Wet Process Porcelain Insulators- High-Voltage Line Post Type (revision and redesignation of ANSI C29.7-1996 (R2012))

PINS Date: Jul 4, 2014
Public Review Start: Jul 31, 2015

ANSI C37.55-2020, Standard for Switchgear Medium Voltage Metal-Clad Assemblies Conformance Test Procedures (revision of ANSI C37.55-2003 (R2010))

PINS Date: May 11, 2018
Public Review Start: Dec 27, 2019
Approval Date: Feb 24, 2020


PINS Date: Jul 24, 2009
Public Review Start: Oct 2, 2009
Approval Date: Nov 16, 2010


PINS Date: May 4, 2018
Public Review Start: Feb 8, 2019
Approval Date: Nov 15, 2019


PINS Date: Jul 24, 2009
Public Review Start: Oct 2, 2009
Approval Date: Nov 16, 2010

NEMA (ASC C37) (National Electrical Manufacturers Association)
www.nema.org

ANSI C37.50-2018, Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures (revision of ANSI C37.50-2012)

PINS Date: Jul 3, 2015
Public Review Start: Jun 16, 2017
Approval Date: Mar 29, 2018


PINS Date: Mar 20, 2015
Public Review Start: Jun 16, 2017
Approval Date: Mar 29, 2018

ANSI C37.54-2003 (R2010), Indoor Alternating Current High-Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear - Conformance Test Procedures (reaffirmation of ANSI C37.54-2003)

PINS Date: Jul 24, 2009
Public Review Start: Oct 2, 2009
Approval Date: Nov 16, 2010


PINS Date: Jul 24, 2009
Public Review Start: Oct 2, 2009
Approval Date: Nov 16, 2010

NEMA (ASC C50) (National Electrical Manufacturers Association)
www.nema.org

ANSI C50.41-2012, Polyphase Induction Motors for Power Generating Stations (new standard)

PINS Date: Jun 25, 2010
Approval Date: Jul 17, 2012

ANSI/NEMA MG 1-2016, Motors and Generators (revision of ANSI/NEMA MG-1-2012)

PINS Date: Sep 15, 2017
Public Review Start: Feb 2, 2018
Approval Date: May 21, 2018
<table>
<thead>
<tr>
<th>ANSI Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI C78.1401-2004 (R2016)</td>
<td><strong>Dimensions for Projection Lamps - Double-Contact, Medium Ring (Special B), Base-up Type</strong> (reaffirmation of ANSI C78.1401-2004 (R2009))</td>
<td>Oct 16, 2015</td>
<td></td>
<td>Jan 6, 2016</td>
</tr>
<tr>
<td>ANSI C78.1402-2004 (S2018)</td>
<td><strong>Standard for Electric Lamps -- Dimensions for Projection Lamps -- G17q and GX17q Based Four-pin, Prefocus, for Base-down Operation</strong> (stabilized maintenance of ANSI C78.1402-2004 (R2011))</td>
<td>Oct 20, 2017</td>
<td></td>
<td>Feb 15, 2018</td>
</tr>
<tr>
<td>ANSI C78.1406-2004 (R2015)</td>
<td><strong>Electric Lamps - P28 Single-Contact Medium Prefocus Based Projection Lamps for Base-Down Operation - Dimensions</strong> (reaffirmation of ANSI C78.1406-2004 (R2008))</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI C78.1408-2004 (R2015)</td>
<td><strong>Electric Lamps - CBA Projection Lamp</strong> (reaffirmation of ANSI C78.1408-2004 (R2008))</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI C78.1420-2001 (S2018)</td>
<td><strong>Standard For Electric Lamps-Microfilm Projection Lamps Two-inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Lamps with GX5.3 Bases</strong> (stabilized maintenance of ANSI C78.1420-2001 (R2011))</td>
<td>Oct 20, 2017</td>
<td></td>
<td>Jan 24, 2018</td>
</tr>
</tbody>
</table>
ANSI C78.1432-1997 (S2018), Standard for electric lamps--Tungsten-Halogen Lamps with GZ9.5 Two-Pin, Prefocus Bases and 36.5mm Nominal Light Center Length (stabilized maintenance of ANSI C78.1432-1997 (R2011))
PINS Date:
Public Review Start:  Feb 9, 2018
Approval Date:  Jun 8, 2018

ANSI C78.1433-2001 (S2018), Standard Electric Lamps Two-inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Large Screen Projection Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1433-2001 (R2011))
PINS Date:
Public Review Start:  Feb 9, 2018
Approval Date:  Jun 8, 2018

ANSI C78.1434-2001 (S2018), Standard Electric Lamps Condensing Dichroic Coated Integral Reflector Side Pin Tungsten Halogen Projection Lamps with GX7.9 Bases (stabilized maintenance of ANSI C78.1434-2001 (R2011))
PINS Date:
Public Review Start:  Feb 9, 2018
Approval Date:  Jun 8, 2018

ANSI C78.1435-2002 (S2018), Standard Electric Lamps Projection Lamps--Tungsten Halogen Lamps with G5.3 Bases (stabilized maintenance of ANSI C78.1435-2002 (R2011))
PINS Date:
Public Review Start:  Feb 9, 2018
Approval Date:  Jun 8, 2018

PINS Date:
Public Review Start:  Oct 20, 2017
Approval Date:  Feb 15, 2018

ANSI C78.1451-2002 (S2018), Standard For Electric Lamps--Use of Protective Shields with Tungsten-Halogen LampsCautionary Notice (stabilized maintenance of ANSI C78.1451-2002 (R2011))
PINS Date:
Public Review Start:  Oct 20, 2017
Approval Date:  Jun 8, 2018

ANSI C78.1452-2004 (R2015), Standard for Electric Lamps - Projection Lamps - Vocabulary (reaffirmation of ANSI C78.1452-2004 (R2008))
PINS Date:
Public Review Start:  Jan 2, 2015
Approval Date:  Jul 24, 2015

ANSI C78.1460-2004 (R2015), Single-Ended Tungsten-Halogen Lamps GZ9.5 Base, T6 Bulb, 36.5 mm LCL, 76.2 mm MOL with Proximity Reflector (reaffirmation of ANSI C78.1460-2004 (R2008))
PINS Date:
Approval Date:  Nov 20, 2015

ANSI C78.1501-2016, Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (revision of ANSI C78.1501-2001 (R2006))
PINS Date:  Dec 18, 2015
Public Review Start:  Jun 24, 2016
Approval Date:  Aug 23, 2016

PINS Date:
Public Review Start:  Apr 8, 2016
Approval Date:  Jun 29, 2016

PINS Date:
Public Review Start:  Nov 7, 2014
Approval Date:  Jan 21, 2015

ANSI C78.21-2011 (R2016), Incandescent lamps: PAR and R Shapes (reaffirmation of ANSI C78.21-2011)
PINS Date:
Public Review Start:  May 6, 2016
Approval Date:  Aug 23, 2016

PINS Date:
Public Review Start:  Oct 20, 2017
Approval Date:  Feb 15, 2018
ANSI C78.23-1995 (S2018), For Incandescent Lamps - Miscellaneous Types (stabilized maintenance of ANSI C78.23-1995 (R2011))
PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Feb 15, 2018

PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Feb 15, 2018

ANSI C78.261-1997 (S2018), Specification for Tubular Incandescent Infrared Lamps (stabilized maintenance of ANSI C78.261-1997 (R2011))
PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Feb 15, 2018

ANSI C78.30-1997 (S2018), Standard for electric lamps: Procedure for Use in Preparation of Lamp Space Drawings (stabilized maintenance of ANSI C78.30-1997 (R2011))
PINS Date: Public Review Start: Feb 9, 2018 Approval Date: Jun 8, 2018

ANSI C78.370-1997 (S2018), Standard for electric lamps - Method of Designation for Electric Lamps - Photographic, Stage and Studio (stabilized maintenance of ANSI C78.370-1997 (R2011))
PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Feb 15, 2018


PINS Date: Public Review Start: Jul 12, 2019 Approval Date: Jan 17, 2020

ANSI C78.376-2014, ANS for electric lamps: Specifications for the Chromaticity of Fluorescent Lamps (revision of ANSI C78.376-2001 (R2011))
PINS Date: Aug 8, 2014 Public Review Start: Sep 26, 2014 Approval Date: Dec 15, 2014

PINS Date: Oct 7, 2016 Public Review Start: Mar 3, 2017 Approval Date: May 23, 2017

ANSI C78.379-2006 (R2015), Electric Lamps - Classification of the Beam Pattern of Reflector Lamps (reaffirmation of ANSI C78.379-2006 (R2010))
PINS Date: Public Review Start: Dec 26, 2014 Approval Date: Jun 25, 2015

ANSI C78.380-2016, ANS for electric lamps: High-Intensity Discharge Lamps, Method of Designation (revision of ANSI C78.380-2007 (R2010))
PINS Date: Dec 18, 2015 Public Review Start: Apr 8, 2016 Approval Date: Jul 7, 2016

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Jul 12, 2016

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Jul 1, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI C78.391-2004 (R2016)</td>
<td><strong>Characteristics of Subminiature Lamps of T1 and T1-3/4 Shapes</strong> <em>(reaffirmation of ANSI C78.391-2009)</em></td>
<td>Oct 16, 2015</td>
<td>Jan 6, 2016</td>
<td></td>
</tr>
<tr>
<td>ANSI C78.44-2016</td>
<td><strong>For Electric Lamps: Double-Ended Metal Halide Lamps</strong> <em>(revision and redesignation of ANSI/ANSLG C78.44-2008)</em></td>
<td>Apr 22, 2016</td>
<td>Jul 1, 2016</td>
<td></td>
</tr>
<tr>
<td>ANSI C78.45-2016</td>
<td><strong>Self-ballasted Mercury Lamps</strong> <em>(revision and redesignation of ANSI ANSLG C78.45-2007 (R2010))</em></td>
<td>Feb 26, 2016</td>
<td>Sep 20, 2016</td>
<td></td>
</tr>
<tr>
<td>ANSI C78.5-2017</td>
<td><strong>Standard For Electric Lamps - Specifications for Performance of Self-ballasted Compact Fluorescent Lamps</strong> <em>(revision of ANSI C78.5-2003 (R2015))</em></td>
<td>May 26, 2017</td>
<td>Sep 20, 2016</td>
<td></td>
</tr>
<tr>
<td>ANSI C78.53-2019</td>
<td><strong>ANS For Electric Lamps, Performance Specifications for Direct Replacement LED (Light Emitting Diode) Lamps</strong> <em>(new standard)</em></td>
<td>Apr 5, 2019</td>
<td>May 23, 2019</td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI C78.54-2019, Standard for Electric Lamps - Specification Sheet for Tubular Fluorescent Replacement and Retrofit LED Lamps (new standard)
PINS Date: Jan 5, 2018
Public Review Start: Oct 5, 2018
Approval Date: Jan 11, 2019

ANSI C78.55-2020, Standard for Electric Lamps - LED Lamp Specification Sheets for HID Replacement and Retrofit Applications (new standard)
PINS Date: Jun 14, 2019
Public Review Start: Jan 31, 2020
Approval Date: Mar 27, 2020

PINS Date:
Public Review Start: Dec 18, 2015
Approval Date: Mar 30, 2016
IEC Adoption

PINS Date:
Public Review Start: Feb 9, 2018
Approval Date: Apr 17, 2018
IEC Adoption

ANSI C78.60432.2-2004 (S2018), Standard for electric lamps--Incandescent Lamps Safety Specifications--Part 2: Tungsten Halogen Lamps for Domestic and Similar General Lighting Purposes (stabilized maintenance of ANSI C78.60432.2-2004 (R2011))
PINS Date:
Public Review Start: Feb 9, 2018
Approval Date: Jun 8, 2018
IEC Adoption

ANSI C78.60432.3-2007 (S2018), Standard for electric lamps--Incandescent Lamps Safety Specifications--Part 3: Tungsten halogen lamps (non-vehicle) (stabilized maintenance of ANSI C78.60432.3-2007 (R2011))
PINS Date:
Public Review Start: Feb 9, 2018
Approval Date: Jun 8, 2018
IEC Adoption

ANSI C78.62035-2016, ANS for electric lamps - Discharge Lamps (Excluding Fluorescent Lamps) Safety Specifications (revision and redesignation of ANSI/IEC C78.62035-2004 (R2009))
PINS Date:
Public Review Start: Mar 11, 2016
Approval Date: Jul 7, 2016
IEC Adoption

PINS Date: Jun 30, 2017
Public Review Start: Apr 8, 2018
Approval Date: Apr 25, 2018
IEC Adoption

ANSI C78.62717-2018, Standard for Electric Lamps--LED modules for general lighting Performance Requirements (new standard)
PINS Date: Dec 18, 2015
Public Review Start: Jul 12, 2019
Approval Date: Jan 17, 2020
IEC Adoption

ANSI C78.81-2016, For Electric Lamps - Double-Capped Fluorescent Lamps-Dimensional and Electrical Characteristics (revision and redesignation of ANSI/ANSLG C78.81-2014)
PINS Date: Jan 30, 2015
Public Review Start: Apr 8, 2016
Approval Date: Jun 29, 2016
Approved American National Standards

ANSI C78.901-2016, Electric Lamps - Single-Based Fluorescent Lamps-Dimensional and Electrical Characteristics (revision of ANSI/ANSLG C78.901-2014)
PINS Date: Public Review Start: Jun 17, 2016 Approval Date: Aug 23, 2016

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Nov 19, 2015

ANSI C78.LL3-2003 (R2015), Procedures for High Intensity Discharge Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure (reaffirmation of ANSI C78.LL3-2003 (R2008))
PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Nov 19, 2015

ANSI C78.LL4-2003 (S2018), Standard for Electric Lamps--Procedures for Incandescent Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure (stabilized maintenance of ANSI C78.LL4-2003 (R2011))
PINS Date: Public Review Start: Feb 9, 2018 Approval Date: Jun 8, 2018

PINS Date: Dec 16, 2016 Public Review Start: Jan 12, 2018 Approval Date: May 15, 2018

PINS Date: Apr 26, 2019 Public Review Start: Jun 21, 2019 Approval Date: Aug 26, 2019

PINS Date: Jan 5, 2018 Public Review Start: Feb 16, 2018 Approval Date: Mar 16, 2018

PINS Date: Public Review Start: Mar 16, 2018 Approval Date: May 15, 2018

PINS Date: Apr 26, 2019 Public Review Start: Jul 26, 2019 Approval Date: Sep 26, 2019

PINS Date: Mar 23, 2018 Public Review Start: Apr 27, 2018 Approval Date: Aug 16, 2018

ANSI ICEA S-122-744-2016, STANDARD FOR OPTICAL FIBER OUTSIDE PLANT MICRODUCT CABLES (new standard)
PINS Date: Sep 2, 2016 Public Review Start: Nov 18, 2016 Approval Date: Jan 6, 2017

NEMA (ASC C8) (National Electrical Manufacturers Association)
www.nema.org

ANSI ICEA P-32-382-2006 (R2018), Short Circuit Characteristics of Insulated Conductors (reaffirmation of ANSI/ICEA P-32-382-2006 (R2013))
PINS Date: Public Review Start: Mar 23, 2018 Approval Date: Aug 16, 2018
PINS Date: Mar 15, 2011
Public Review Start: Nov 18, 2011
Approval Date: Jan 17, 2012

PINS Date: Mar 15, 2011
Public Review Start: Nov 18, 2011
Approval Date: Jan 17, 2012

PINS Date: Mar 15, 2019
Public Review Start: Aug 2, 2019
Approval Date: Nov 5, 2019

PINS Date: Mar 15, 2019
Public Review Start: Aug 2, 2019
Approval Date: Nov 5, 2019

PINS Date: May 13, 2016
Approval Date: Jun 12, 2017

PINS Date: May 13, 2016
Approval Date: Jun 12, 2017

PINS Date: Apr 26, 2019
Public Review Start: Jun 9, 2019
Approval Date: Sep 20, 2018

PINS Date: Apr 26, 2019
Public Review Start: Jun 9, 2019
Approval Date: Sep 20, 2018

PINS Date: Jan 26, 2018
Public Review Start: Mar 16, 2018
Approval Date: Jun 13, 2018

PINS Date: Jan 26, 2018
Public Review Start: Mar 16, 2018
Approval Date: Jun 13, 2018

ANSI NEMA WC76-2018, Standard for Controlled Impedance Shielded Twisted Pairs in Internal Electrical Cable (new standard)
PINS Date: May 26, 2017
Public Review Start: Jun 9, 2017
Approval Date: Sep 20, 2018

ANSI/ICEA S-113-684-2016, PERFORMANCE BASED STANDARD FOR ELECTRIC UTILITY EXTRUDED DIELECTRIC SHIELDED POWER CABLES RATED 5 THROUGH 46 KV (new standard)
PINS Date: Apr 24, 2015
Public Review Start: Jul 3, 2015
Approval Date: Jul 7, 2016

ANSI/ICEA P-117-734-2016, Ampacities for Single-Conductor Solid Dielectric Power Cable 15 kV through 35 kV (new standard)
PINS Date: Mar 6, 2015
Public Review Start: Apr 24, 2015
Approval Date: Feb 23, 2016

ANSI/ICEA P-45-482-2017, Short Circuit Performance of Metallic Shields and Sheaths on Insulated Cable (new standard)
PINS Date: Sep 9, 2016
Approval Date: Jun 6, 2017

ANSI/ICEA P-45-482-2017, Short Circuit Performance of Metallic Shields and Sheaths on Insulated Cable (new standard)
PINS Date: Sep 9, 2016
Approval Date: Jun 6, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

Ampacities of Cables Installed in Trays (reaffirmation of
PINS Date:   Public Review Start:   Approval Date:   
             Aug 2, 2019   Sep 23, 2019

ANSI/ICEA P-79-561-2008 (R2018), Guide for Selecting
Aerial Cable Messengers and Lashing Wires (reaffirmation
of ANSI/ICEA P-79-561-2008 (R2013))
PINS Date:   Public Review Start:   Approval Date:   
             Jul 13, 2018   Sep 6, 2018

ANSI/ICEA S-100-685-2014, Standard for Thermoplastic
Insulated and Jacketed Telecommunications Station Wire
for Indoor/Outdoor Use (revision of ANSI/ICEA S-100-685-
2009)
PINS Date:   Public Review Start:   Approval Date:   
            Jan 2, 2015   Apr 26, 2016

ANSI/ICEA S-105-692-2010, Standard for 600 Volt Single
Layer Thermoset Insulated Utility Underground Distribution
Cables (revision of ANSI/ICEA S-105-692-2004)
PINS Date:   Public Review Start:   Approval Date:   
             May 14, 2010   Sep 29, 2011

ANSI/ICEA S-106-703-2018, Broadband Aerial Service
Wire Aircore, Polyolefin Insulated Conductor (revision of
ANSI/ICEA S-106-703-2012)
PINS Date:   Public Review Start:   Approval Date:   
             May 18, 2018   Dec 3, 2018

ANSI/ICEA S-107-704-2012, ICEA Standard for Broadband
Buried Service Wire (revision of ANSI/ICEA S-107-704-
2005)
PINS Date:   Public Review Start:   Approval Date:   
             Jun 17, 2011   May 15, 2012

ANSI/ICEA S-112-718-2013, Standard for Optical Fiber
Cable for Placement in Sewer Environments (revision of
ANSI/ICEA S-112-718-2008)
PINS Date:   Public Review Start:   Approval Date:   
            Mar 22, 2013   Nov 5, 2013

ANSI/ICEA S-119-741-2016, Standard for Fiber to the
Antenna (FTTA) Optical Fiber Cable (new standard)
PINS Date:   Public Review Start:   Approval Date:   
            Jan 23, 2015   May 4, 2016

ANSI/ICEA S-120-742-2016, Hybrid Optical Fiber and
Power Cable for Use in Limited Power Circuits (new
standard)
PINS Date:   Public Review Start:   Approval Date:   
            Mar 6, 2015   May 19, 2016

ANSI/ICEA S-121-733-2016, Tree Wire and Messenger
Supported Spacer Cable (new standard)
PINS Date:   Public Review Start:   Approval Date:   
            Apr 22, 2016   Sep 23, 2016

ANSI/ICEA S-58-679-2014 (R2019), Standard for Control,
Instrumentation and Thermocouple Extension Conductor
PINS Date:   Public Review Start:   Approval Date:   
            Aug 12, 2019

ANSI/ICEA S-70-547-2016, Standard for Weather-
Resistant Polyethylene Covered Conductors (revision of
ANSI/ICEA S-70-547-2006)
PINS Date:   Public Review Start:   Approval Date:   
            Dec 13, 2013   Jun 27, 2016

and Power Feeder Cables for Use in Mines and Similar
Applications (revision and redesignation of ANSI/ICEA S-
75-381-2008/NEMA WC 58-2008)
PINS Date:   Public Review Start:   Approval Date:   
            Sep 6, 2013   Aug 15, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/ICEA S-85-625-2016, Telecommunications Cable
Aircore, Polyolefin Insulated, Copper Conductor Technical
Requirements  (revision of ANSI/ICEA S-85-625-2010)
PINS Date:   Apr 22, 2016
Public Review Start:   Jul 29, 2016
Approval Date:   Dec 8, 2016

ANSI/ICEA S-86-634-2011 (R2017), Buried Distribution &
Service Wire, Filled Polyolefin Insulated Copper Conductor
(reaffirmation of ANSI/ICEA S-86-634-2011)
PINS Date:
Public Review Start:   Nov 4, 2016
Approval Date:   Apr 26, 2017

ANSI/ICEA S-87-640-2016, Standard for Optical Fiber
Outside Plant Communications Cable  (revision of
ANSI/ICEA S-87-640-2011)
PINS Date:
Public Review Start:   Jun 10, 2016
Approval Date:   Aug 25, 2016

ANSI/ICEA S-89-689-2012, ICEA Standard for Broadband
TP Filled, PE, Cu  (revision of ANSI/ICEA S-99-689-2006)
PINS Date:   Jun 17, 2011
Public Review Start:   Aug 5, 2011
Approval Date:   Oct 15, 2012

ANSI/ICEA T-22-294-2016, Test Procedures for Extended
Time-Testing of Wire and Cable Insulations for Service in
Wet Locations  (new standard)
PINS Date:
Public Review Start:   Apr 3, 2015
Approval Date:   Mar 14, 2016

ANSI/ICEA S-90-661-2012, Standard for Category 3, 5,
and 5e Individually Unshielded Twisted Pair Indoor Cables
(With or Without an Overall Shield) for Use in General
Purpose and LAN Communication Wiring Systems
Technical Requirements  (revision of ANSI/ICEA S-90-661 -2008)
PINS Date:
Public Review Start:   Apr 20, 2012
Approval Date:   Jun 22, 2012

ANSI/ICEA T-24-380-2013 (R2019), Partial Discharge Test
Procedure  (reaffirmation of ANSI/ICEA T-24-380-2013)
PINS Date:
Public Review Start:   Dec 14, 2018
Approval Date:   Jul 25, 2019

ANSI/ICEA T-26-465/NEMA WC 54-2013, Guide For
Frequency of Sampling Extruded Dielectric Power, Control,
Instrumentation, and Portable Cables for Test  (revision of
ANSI/ICEA T-26-465/NEMA WC 54-2007)
PINS Date:
Public Review Start:   Sep 7, 2012
Approval Date:   Jan 29, 2013

Measurement of Hot Creep of Polymeric Insulations
PINS Date:
Public Review Start:   Mar 14, 2014
Approval Date:   Sep 12, 2014

ANSI/NEMA HP 3-2011, Electrical & Electronic PTFE
(Polytetrafluoroethylene) Insulated High Temperature
Hook-Up Wire; Types ET, (250 Volts), E (600 Volts) and EE
(1000 Volts)  (new standard)
PINS Date:   Apr 1, 2011
Public Review Start:   Nov 25, 2011
Approval Date:   Jan 17, 2012
ANSI/NEMA HP 4-2012, Electrical and Electronic FEP (Fluorinated Ethylene Propylene) Insulated High Temperature Hook-Up Wire, Types KT (250 Volt) and KK (1000 Volt) (revision of ANSI/NEMA HP 4-2000)
PINS Date: Nov 11, 2011
Approval Date: May 9, 2012

ANSI/NEMA HP 5-2013, Electrical and Electronic Crosslinked, Modified Polyethylene (XLPE) Insulated, 125 C Hook-Up Wire, Types L (600 V), LL (1000 V), and LX (3000 V) (new standard)
PINS Date: May 10, 2013
Approval Date: Mar 4, 2013

ANSI/NEMA HP 6-2013, Electrical and Electronic Silicone and Silicone Braided Insulated Hook-Up Wire, Types S (600V), ZHS (600V), SS (1000V), ZHSS (1000V), SSB Braided (1000V) (new standard)
PINS Date: Jul 27, 2012
Public Review Start: Sep 7, 2012
Approval Date: Mar 4, 2013

ANSI/NEMA HP 8-2013, Electrical and Electronic Crosslinked, Modified Low Smoke Polyolefin (XLPO) Insulated Hook-Up Wire, Types LS (105&C-600 V), ZHDM (90&C-600 V), ZHDH (90&C-600 V), ZH (125&C-600 V), and ZHX (125&C-1000 V) (new standard)
PINS Date: Sep 7, 2012
Public Review Start: Nov 2, 2012
Approval Date: Jan 23, 2013

ANSI/NEMA HP 9-2014, Electrical and Electronic Ethylene-Propylene Diene Elastomer (EPDM) Insulated Hook-Up Wire, Types EP (rated 125 C; 600 V), and EPD (rated 125 C; 5000 V) (new standard)
PINS Date: Oct 25, 2013
Public Review Start: Dec 6, 2013
Approval Date: Apr 15, 2014

PINS Date: Jun 16, 2017
Public Review Start: Aug 18, 2017
Approval Date: Dec 6, 2017

ANSI/NEMA WC 27500-2015, Standard for Aerospace and Industrial Electrical Cable (revision of ANSI/NEMA WC 27500-2014)
PINS Date:
Public Review Start: Nov 21, 2014
Approval Date: Jan 7, 2015

PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Feb 7, 2020

ANSI/NEMA WC 55021-2013, Standard for Military Internal Electrical Cable (new standard)
PINS Date:
Public Review Start: May 24, 2013
Approval Date: Oct 1, 2013

PINS Date:
Public Review Start: Sep 12, 2014
Approval Date: Oct 31, 2014

PINS Date:
Approval Date: Feb 13, 2015

ANSI/NEMA WC 66/ICEA S-166-732-2019, Title: Standard for Category 6 and 6A, 100 Ohm Individually, unshielded twisted pairs, indoor cables (with or without an overall shield) for use in LAN Communication Wire systems (revision of ANSI/NEMA WC 66/ICEA S-116-732-2013)
PINS Date:
Public Review Start: Jul 26, 2019
Approval Date: Sep 30, 2019
ANSI/NEMA WC 67-2015, Standard for Uninsulated Conductors Used in Electrical and Electronic Applications (revision of ANSI/NEMA WC 67-2011)
PINS Date: Oct 31, 2014
Public Review Start: Dec 19, 2014
Approval Date: Feb 13, 2015

PINS Date: May 8, 2009
Public Review Start: Dec 6, 2013
Approval Date: Jun 16, 2014

ANSI/NEMA WC 75-2015, Standard for Controlled Impedance in Internal Electrical Cable (new standard)
PINS Date: Oct 25, 2013
Public Review Start: Nov 21, 2014
Approval Date: Jan 8, 2015

PINS Date: Apr 24, 2015
Public Review Start: Nov 4, 2016
Approval Date: Feb 23, 2017

ANSI C80.5-2015, Electrical Rigid Metal Conduit - Aluminum (ERMC - A) (revision of ANSI C80.5-2005)
PINS Date: Jun 12, 2009
Public Review Start: Jun 12, 2015
Approval Date: Dec 14, 2015

ANSI C80.6-2018, Electrical Intermediate Metal Conduit (new standard)
PINS Date: Jun 12, 2009
Public Review Start: Mar 16, 2018
Approval Date: Jun 7, 2018

NEMA (ASC C81) (National Electrical Manufacturers Association)
www.nema.org

ANSI C81.61-2019, Standard for Electrical Lamp Bases Specifications for Bases (Caps) for Electric Lamps (revision of ANSI C81.61-2017)
PINS Date: Jun 30, 2017
Public Review Start: Dec 7, 2018
Approval Date: Mar 22, 2019

PINS Date: Jun 30, 2017
Public Review Start: Dec 7, 2018
Approval Date: Mar 22, 2019

PINS Date: Feb 9, 2018
Public Review Start: Dec 7, 2018
Approval Date: Mar 22, 2019

ANSI C81.64-2005 (S2020), ANSI for Guidelines and General Information for Electric Lamp Bases, Lampholders and Gauges (stabilized maintenance of ANSI C81.64-2005 (R2014))
PINS Date: Feb 9, 2018
Public Review Start: Dec 7, 2018
Approval Date: Apr 3, 2020
NEMA (ASC C82) (National Electrical Manufacturers Association)
www.nema.org

ANSI C82.1-2004 (S2020), Standard For Lamp Ballast - Line Frequency Fluorescent Lamp Ballast (stabilized maintenance of ANSI C82.1-2004 (R2015))
PINS Date: Jan 24, 2020
Approval Date: Apr 3, 2020

ANSI C82.11-2017, Lamp Ballasts - High Frequency Fluorescent Lamp Ballasts (revision of ANSI C82.11-2011)
PINS Date: Jun 10, 2016
Public Review Start: Nov 18, 2016
Approval Date: Jan 23, 2017

ANSI C82.13-2020, Standard For Lamp Ballasts -- Definitions - for Fluorescent Lamps and Ballasts (revision of ANSI C82.13-2002 (R2010))
PINS Date: Dec 25, 2015
Public Review Start: Apr 17, 2020
Approval Date: Jun 8, 2020

ANSI C82.14-2016, Lamp Ballasts: Low-Frequency Square Wave Electronic Ballasts - for Metal Halide Lamps (revision of ANSI C82.14-2006 (R2010))
PINS Date: Dec 25, 2015
Public Review Start: Jun 24, 2016
Approval Date: Aug 23, 2016

ANSI C82.16-2020, For Light Emitting Diode Drivers - Methods of Measurement (revision of ANSI C82.16-2015)
PINS Date: Jul 7, 2017
Public Review Start: Jan 24, 2020
Approval Date: Mar 27, 2020

ANSI C82.17-2017, Lighting Equipment: High Frequency (HF) Electronic Ballasts for Metal Halide Lamps (new standard)
PINS Date: May 2, 2014
Public Review Start: Mar 24, 2017
Approval Date: May 18, 2017

ANSI C82.2-2002 (R2016), Standard For Lamp Ballasts - Method of Measurement of Fluorescent Lamp Ballasts (reaffirmation of ANSI C82.2-2002 (R2007))
PINS Date: Mar 4, 2016
Public Review Start: Jul 12, 2016

ANSI C82.3-2016, Lamp Ballasts - Reference Ballasts for Fluorescent Lamps (revision of ANSI C82.3-2002 (R2010))
PINS Date: Oct 16, 2015
Public Review Start: Jan 22, 2016
Approval Date: Apr 8, 2016

ANSI C82.4-2017, Standard for Lamp Ballasts - Ballasts for High-Intensity-Discharge and Low-Pressure Sodium Lamps (Multiple-Supply Type) (revision of ANSI C82.4-2002 (R2010))
PINS Date: Dec 25, 2015
Public Review Start: Feb 17, 2017
Approval Date: May 18, 2017

ANSI C82.5-2016, Reference Ballasts - High-Intensity-Discharge and Low-Pressure Sodium Lamps (revision and redesignation of ANSI ANSLG C82.5-2010 (R2010))
PINS Date: Dec 25, 2015
Public Review Start: Jun 24, 2016
Approval Date: Aug 23, 2016

ANSI C82.6-2015 (R2020), Standard for Lamp Ballasts - Ballasts for High-Intensity Discharge Lamps - Methods of Measurement (reaffirmation of ANSI C82.6-2015)
PINS Date: Jan 24, 2020
Approval Date: Mar 30, 2020

ANSI C82.77-1-2020, Standard for Lighting Equipment Electromagnetic Compatibility (EMC) General Requirements and Criteria (new standard)
PINS Date: Dec 7, 2018
Public Review Start: Mar 13, 2020
Approval Date: May 1, 2020

ANSI C82.77-10-2020, For Lighting Equipment Harmonic Emission Limits Related Power Quality Requirements (revision of ANSI C82.77-10-2014)
PINS Date: Jul 7, 2017
Public Review Start: Jul 12, 2019
Approval Date: Jan 9, 2020
ANSI C82.77-2-2020, Standard for Lighting Equipment Electrostatic Discharge (national adoption with modifications of IEC 61000-4-2 Edition 2 2008-12)
PINS Date: Feb 9, 2018
Public Review Start: Jul 5, 2019
Approval Date: Jan 10, 2020
IEC Adoption

ANSI C82.77-3-2020, Standard for Lighting Equipment Electromagnetic compatibility (EMC) Testing and measurement techniques Radiated, radio-frequency electromagnetic field immunity test (national adoption with modifications of IEC 61000-4-3, ed3.2 (2010-04))
PINS Date: Dec 7, 2018
Public Review Start: Jul 12, 2019
Approval Date: Jan 10, 2020
IEC Adoption

ANSI C82.77-4-2020, Standard for Lighting Equipment Electromagnetic compatibility (EMC) Testing and measurement techniques Power frequency magnetic field immunity test (national adoption with modifications of IEC 61000-4-8 Edition 2 2009)
PINS Date: Dec 7, 2018
Public Review Start: Sep 20, 2019
Approval Date: Jan 10, 2020
IEC Adoption

ANSI C82.77-5-2017, For Lighting Equipment Voltage Surge Requirements (revision of ANSI C82.77-5-2015)
PINS Date: Jul 7, 2017
Public Review Start: Oct 13, 2017
Approval Date: Dec 21, 2017

ANSI C82.77-7-2020, Standard for Lighting Equipment Testing and measurement techniques Voltage dips, short interruptions and voltage variations immunity tests (national adoption with modifications of IEC 61000-4-11 Edition 2.1 2017-05)
PINS Date: Dec 7, 2018
Public Review Start: Aug 9, 2019
Approval Date: Jan 10, 2020
IEC Adoption

ANSI C82.77-8-2020, Standard for Lighting Equipment Fast Transients (national adoption with modifications of IEC 61000-4-4:2012)
PINS Date: Dec 7, 2018
Public Review Start: Jul 12, 2019
Approval Date: Jan 10, 2020
IEC Adoption

ANSI C82.77-9-2020, Standard for Lighting Equipment Injected Currents (national adoption with modifications of IEC 61000-4-6 Edition 4 2013-10)
PINS Date: Dec 7, 2018
Public Review Start: Mar 13, 2020
Approval Date: May 4, 2020
IEC Adoption

ANSI C82.9-2016, ANS for lamp ballasts: High-Intensity Discharge and Low-Pressure Sodium Lamps â€” Definitions (revision and redesignation of ANSI ANSLLG C82.9-2010)
PINS Date: Aug 21, 2015
Public Review Start: Apr 8, 2016
Approval Date: Jul 12, 2016

NEMA (ASC C84) (National Electrical Manufacturers Association)
www.nema.org

ANSI C84.1-2020, Standard for Electric Power Systems and Equipment Voltage Ratings (60 Hertz) (revision of ANSI C84.1-2016)
PINS Date: Feb 15, 2019
Public Review Start: Nov 22, 2019
Approval Date: Mar 10, 2020

NEMA (ASC W1) (National Electrical Manufacturers Association)
www.nema.org

PINS Date: Aug 17, 2018
Public Review Start: Feb 22, 2019
Approval Date: Jun 14, 2019
IEC Adoption

ANSI/NEMA/IEC 60974-11-2009, Arc Welding Equipment Part 11: electrode holders (national adoption with modifications of IEC 60974-11 Ed. 2)
PINS Date: Jun 1, 2007
Public Review Start: Jun 5, 2009
Approval Date: Sep 22, 2009
IEC Adoption
ANSI/NEMA/IEC 60974-12-2009, Arc Welding Equipment - Part 12: Coupling devices (national adoption with modifications of IEC 60974-12 Ed. 2)
PINS Date: Jun 1, 2007
Public Review Start: Feb 13, 2009
Approval Date: Sep 22, 2009
IEC Adoption

PINS Date: Jun 1, 2007
Public Review Start: Jan 23, 2009
Approval Date: Apr 13, 2009
IEC Adoption

ANSI/NEMA/IEC 60974-3-2008, Arc Welding Equipment - Part 3: Arc Striking/Stabilizing Devices (national adoption with modifications of IEC 60974-3 Ed. 2)
PINS Date: Jun 1, 2007
Public Review Start: Jan 23, 2009
Approval Date: Apr 13, 2009
IEC Adoption

ANSI/NEMA/IEC 60974-5-2008, Arc Welding Equipment - Part 5: Wire Feeders (national adoption with modifications of IEC 60974-5 Ed. 2)
PINS Date: Jun 1, 2007
Public Review Start: Jan 23, 2009
Approval Date: Apr 13, 2009
IEC Adoption

ANSI/NEMA/IEC 60974-6-2019, Arc Welding Equipment - Part 6: Limited Duty Equipment (national adoption with modifications of IEC 60974-6, ed. 2)
PINS Date: Oct 20, 2017
Public Review Start: Feb 22, 2019
Approval Date: Jun 14, 2019
IEC Adoption

ANSI/NEMA/IEC 60974-7-2009, Arc Welding Equipment - Part 7: Torches (national adoption with modifications of IEC 60974-7)
PINS Date: Jun 1, 2007
Public Review Start: Feb 27, 2009
Approval Date: Sep 22, 2009
IEC Adoption

PINS Date:
Public Review Start: Apr 17, 2020
Approval Date: Jun 8, 2020

NEMA (ASC Z535) (National Electrical Manufacturers Association)
www.nema.org

PINS Date: Jul 22, 2016
Public Review Start: Sep 23, 2016
Approval Date: Oct 20, 2017

ANSI Z535.2-2011 (R2017), Environmental and Facility Signs (reaffirmation of ANSI Z535.2-2011)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Oct 18, 2017

ANSI Z535.3-2011 (R2017), Standard Criteria for Safety Symbols (reaffirmation of ANSI Z535.3-2011)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Oct 20, 2017

ANSI Z535.4-2011 (R2017), Product Safety Signs and Labels (reaffirmation of ANSI Z535.4-2011)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Oct 20, 2017

ANSI Z535.5-2011 (R2017), Standard for Safety Tags and Barricade Tapes (for Temporary Hazards) (reaffirmation of ANSI Z535.5-2011)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Oct 25, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI Z535.6-2011 (R2017), Product Safety Information in Product Manuals, Instructions, and Other Collateral Materials (reaffirmation of ANSI Z535.6-2011)
PINS Date: Public Review Start: Feb 17, 2017 Approval Date: Oct 27, 2017

NEMA (Canvass) (National Electrical Manufacturers Association)
www.nema.org

PINS Date: Sep 25, 2015 Public Review Start: Nov 20, 2015 Approval Date: Mar 14, 2016

PINS Date: Jun 4, 2010 Public Review Start: Feb 18, 2011 Approval Date: May 13, 2011
IEC Adoption

PINS Date: Sep 26, 2008 Public Review Start: Apr 3, 2009 Approval Date: Dec 16, 2010

ANSI/NEMA 62430-2010, ENVIRONMENTAL CONSCIOUS DESIGN FOR ELECTRICAL AND ELECTRONIC PRODUCTS (identical national adoption of IEC 62430)
PINS Date: Mar 26, 2010 Public Review Start: Aug 13, 2010 Approval Date: Oct 19, 2010
IEC Adoption

ANSI/NEMA AB 4-2011, Guidelines for Inspection and Preventive Maintenance of Molded Case Circuit Breakers Used in Commercial and Industrial Applications (revision of ANSI/NEMA AB 4-2004)
PINS Date: Apr 3, 2009 Public Review Start: Mar 26, 2010 Approval Date: Mar 30, 2011

ANSI/NEMA FB-1-2014, Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing and Cable (revision of ANSI/NEMA FB-1-2012)
PINS Date: Jul 25, 2014 Approval Date: Oct 29, 2014

ANSI/NEMA HN 1-2019, Manufacturer Disclosure Statement for Medical Device Security (new standard)
PINS Date: Mar 8, 2019 Public Review Start: May 10, 2019 Approval Date: Jul 9, 2019

PINS Date: Sep 7, 2012 Public Review Start: Nov 23, 2012 Approval Date: Jan 29, 2013

ANSI/NEMA KS 3-2012, Guidelines for Inspection and Preventive Maintenance of Switches Used in Commercial and Industrial Applications (new standard)

ANSI/NEMA MW 1000-2018, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2016)
PINS Date: Aug 11, 2017 Public Review Start: Sep 28, 2018 Approval Date: Mar 12, 2019

ANSI/NEMA OS 1-2014, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 1-2010)
PINS Date: Jun 28, 2013 Public Review Start: Nov 22, 2013 Approval Date: Apr 15, 2014

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 759
Approved American National Standards

ANSI/NEMA OS 2-2014, Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 2-2010)
PINS Date: Jun 28, 2013
Public Review Start: Nov 22, 2013
Approval Date: Apr 15, 2014

ANSI/NEMA PB 1.1-2013, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Panelboards Rated 600 Volts or less (revision of ANSI/NEMA PB 1.1-2007)
PINS Date: Jul 13, 2012
Public Review Start: Mar 29, 2013
Approval Date: Sep 11, 2013

ANSI/NEMA PB 2.1-2013, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or less (revision of ANSI/NEMA PB 2.1-2007)
PINS Date: Apr 4, 2014
Public Review Start: May 23, 2014
Approval Date: Jul 28, 2014

PINS Date: Oct 6, 2017
Public Review Start: Sep 21, 2018
Approval Date: Jan 11, 2019

ANSI/NEMA SC 1-2019, Standard for Supplier Credentialing in Healthcare (new standard)
PINS Date: Feb 8, 2013
Public Review Start: Mar 8, 2013
Approval Date: Jul 10, 2013

PINS Date: Aug 7, 2015
Public Review Start: Nov 20, 2015
Approval Date: Feb 22, 2016

ANSI/NEMA WD6-2016, Wiring Devices - Dimensional Specifications (revision of ANSI/NEMA WD 6-2012)
PINS Date: Jul 17, 2015
Public Review Start: Nov 6, 2015
Approval Date: Feb 11, 2016

NENA (National Emergency Number Association)
www.nena.org

PINS Date: Apr 11, 2014
Approval Date: Mar 31, 2016

ANSI/NENA STA-019.1-2018, NG9-1-1 Call Processing Metrics Standard (new standard)
PINS Date: May 8, 2015
Public Review Start: Jan 19, 2018
Approval Date: Jul 2, 2018

ANSI/NENA STA-026.5-2016, NENA PSAP Master Clock Standard (new standard)
PINS Date: Aug 28, 2015
Public Review Start: May 20, 2016
Approval Date: Dec 21, 2016

ANSI/NENA STA-027.3-2018, NENA E9-1-1 PSAP Equipment Standard (new standard)
PINS Date: Apr 15, 2016
Public Review Start: Jan 19, 2018
Approval Date: Jul 2, 2018

NETA (InterNational Electrical Testing Association)
www.netaworld.org

PINS Date: Jan 29, 2016
Approval Date: Feb 2, 2017

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 760
Approved American National Standards

PINS Date: May 18, 2018
Public Review Start: Jul 5, 2019
Approval Date: Sep 9, 2019

PINS Date: 
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: 
Public Review Start: Aug 25, 2017
Approval Date: Sep 3, 2018

PINS Date: 
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: 
Public Review Start: Aug 10, 2018
Approval Date: Nov 25, 2018

PINS Date: 
Public Review Start: Aug 10, 2018
Approval Date: Nov 25, 2018

PINS Date: Jul 7, 2017
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: Mar 30, 2012
Public Review Start: Jan 3, 2014
Approval Date: Sep 4, 2017
PINS Date:  Mar 30, 2012
Public Review Start:  Feb 9, 2018
Approval Date:  Sep 3, 2018

PINS Date:  Public Review Start:  Sep 3, 2010
Approval Date:  Jan 3, 2011

ANSI/NFPA 1021-2020, Standard for Fire Officer Professional Qualifications (revision of ANSI/NFPA 1021-2014)
PINS Date:  Oct 13, 2017
Public Review Start:  Aug 16, 2019
Approval Date:  Nov 24, 2019

PINS Date:  May 19, 2017
Public Review Start:  Aug 25, 2017
Approval Date:  Nov 30, 2017

PINS Date:  Jul 22, 2011
Public Review Start:  Mar 22, 2013
Approval Date:  Jun 17, 2013

PINS Date:  Jul 22, 2011
Public Review Start:  Mar 22, 2013
Approval Date:  Jun 17, 2013

ANSI/NFPA 1035-2015, Standard for Professional Qualifications for Fire and Life Safety Educator, Public Information Officer, and Juvenile Firesetter Intervention Specialist (revision of ANSI/NFPA 1035-2010)
PINS Date:  Nov 30, 2012
Public Review Start:  Jul 18, 2014
Approval Date:  Dec 1, 2014

ANSI/NFPA 1037-2016, Standard for Professional Qualifications for Fire Marshal (revision of ANSI/NFPA 1037-2011)
PINS Date:  Public Review Start:  Sep 19, 2014
Approval Date:  Nov 14, 2015

PINS Date:  Sep 2, 2016
Public Review Start:  Aug 10, 2018
Approval Date:  Nov 25, 2018

ANSI/NFPA 105-2019, Standard for Smoke Door Assemblies and Other Opening Protectives (revision of ANSI/NFPA 105-2015)
PINS Date:  Public Review Start:  Feb 16, 2018
Approval Date:  May 24, 2018

PINS Date:  Oct 13, 2017
Public Review Start:  May 31, 2019
Approval Date:  Sep 11, 2019

PINS Date:  May 19, 2017
Public Review Start:  Aug 25, 2017
Approval Date:  Nov 30, 2017

PINS Date:  Nov 10, 2017
Public Review Start:  Sep 7, 2018
Approval Date:  Apr 30, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:   
Public Review Start:   Sep 15, 2017
Approval Date:   Dec 1, 2016

ANSI/NFPA 1078-2019, Standard for Electrical Inspector Professional Qualifications (new standard)
PINS Date:   Aug 11, 2017
Public Review Start:   Apr 12, 2019
Approval Date:   Jun 30, 2019

ANSI/NFPA 1081-2018, Standard for Industrial Fire Brigade Member Professional Qualifications (revision of ANSI/NFPA 1081-2011)
PINS Date:   May 19, 2017
Public Review Start:   Aug 25, 2017
Approval Date:   Nov 30, 2017

ANSI/NFPA 1082-2020, Standard for Building Fire and Life Safety Director Professional Qualifications (new standard)
PINS Date:   Apr 21, 2017
Public Review Start:   Feb 1, 2019
Approval Date:   May 18, 2019

PINS Date:   Sep 2, 2016
Public Review Start:   Aug 10, 2018
Approval Date:   Nov 25, 2018

ANSI/NFPA 11-2016, Standard for Low-, Medium-, and High-Expansion Foam (revision of ANSI/NFPA 11-2010)
PINS Date:   Nov 30, 2012
Public Review Start:   Jul 18, 2014
Approval Date:   Sep 7, 2015

PINS Date:   Jan 25, 2018
Public Review Start:   Feb 9, 2018
Approval Date:   Sep 3, 2018

PINS Date:   
Public Review Start:   Apr 21, 2017
Approval Date:   Jan 13, 2018

PINS Date:   Dec 29, 2017
Public Review Start:   Apr 21, 2017
Approval Date:   Oct 30, 2016

PINS Date:   Apr 21, 2017
Public Review Start:   Apr 21, 2017
Approval Date:   Aug 21, 2017

PINS Date:   
Public Review Start:   Sep 15, 2017
Approval Date:   Jun 2, 2016

PINS Date:   
Public Review Start:   Sep 15, 2017
Approval Date:   Jun 2, 2016

ANSI/NFPA 1126-2021, Standard for the Use of Pyrotechnics Before a Proximate Audience (revision of ANSI/NFPA 1126-2016)
PINS Date:   Dec 29, 2017
Public Review Start:   Mar 1, 2019
Approval Date:   Dec 24, 2019

PINS Date:   Dec 29, 2017
Public Review Start:   
Approval Date:   Oct 30, 2016
PINS Date: 
Public Review Start: Sep 15, 2017
Approval Date: Jun 2, 2016

PINS Date: 
Public Review Start: Sep 15, 2017
Approval Date: Jun 2, 2016

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Sep 4, 2017

PINS Date: 
Public Review Start: Sep 15, 2017
Approval Date: Jun 2, 2016

PINS Date: Nov 10, 2017
Public Review Start: Sep 7, 2018
Approval Date: Apr 30, 2019

PINS Date: 
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

ANSI/NFPA 1192-2021, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2018)
PINS Date: Feb 23, 2018
Public Review Start: Jan 24, 2020
Approval Date: Apr 4, 2020

PINS Date: 
Public Review Start: 
Approval Date: Sep 11, 2016

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: 
Public Review Start: Feb 16, 2018
Approval Date: May 24, 2018
ANSI/NFPA 1250-2020, Recommended Practice in Fire and Emergency Service Organization Risk Management (revision of ANSI/NFPA 1250-2015)
PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Jan 25, 2018
Public Review Start: Feb 9, 2018
Approval Date: Sep 3, 2018

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Jun 2, 2016

PINS Date: Jul 21, 2017
Public Review Start: Feb 8, 2019
Approval Date: Aug 25, 2019

ANSI/NFPA 1300-2020, Standard on Community Risk Assessment and Community Risk Reduction Plan Development (new standard)
PINS Date: Aug 4, 2017
Public Review Start: Feb 1, 2019
Approval Date: May 18, 2019

PINS Date: Jan 25, 2018
Public Review Start: Feb 9, 2018
Approval Date: Sep 3, 2018

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Jan 25, 2018
Public Review Start: Feb 9, 2018
Approval Date: May 24, 2018

PINS Date: Jul 21, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Sep 2, 2016
Public Review Start: Aug 10, 2018
Approval Date: Nov 25, 2018

PINS Date: May 19, 2017
Public Review Start: Jun 23, 2017
Approval Date: Apr 23, 2017

PINS Date: Sep 2, 2016
Public Review Start: Sep 8, 2017
Approval Date: Nov 25, 2018

PINS Date: Sep 2, 2016
Public Review Start: Jun 2, 2017
Approval Date: Sep 4, 2017

PINS Date:
Public Review Start: Jun 2, 2017
Approval Date: Sep 4, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Status: Revision of</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/NFPA 1583-2015, Standard on Health-Related Fitness Programs for Fire Department Members (revision of ANSI/NFPA 1583-2007)
PINS Date: Nov 30, 2012
Public Review Start: Jul 18, 2014
Approval Date: Dec 1, 2014

PINS Date: Nov 30, 2012
Public Review Start: Jul 18, 2014
Approval Date: Dec 1, 2014

PINS Date: Nov 30, 2012
Public Review Start: Jul 18, 2014
Approval Date: Dec 1, 2014

PINS Date: Nov 30, 2012
Public Review Start: Jul 18, 2014
Approval Date: Dec 1, 2014

PINS Date: Nov 30, 2012
Public Review Start: Jul 18, 2014
Approval Date: Dec 1, 2014

PINS Date: Sep 2, 2016
Public Review Start: Sep 8, 2017
Approval Date: May 24, 2018

ANSI/NFPA 160-2021, Standard for the Use of Flame Effects Before an Audience (revision of ANSI/NFPA 160-2016)
PINS Date: Dec 8, 2017
Public Review Start: Jan 3, 2020
Approval Date: Apr 4, 2020

PINS Date: Sep 2, 2016
Public Review Start: Sep 8, 2017
Approval Date: Nov 25, 2018

PINS Date: Jul 7, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2017

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: May 19, 2017
Public Review Start: Jun 23, 2017
Approval Date: Apr 23, 2017

PINS Date: Apr 21, 2017
Public Review Start: Feb 8, 2019
Approval Date: May 18, 2019

PINS Date: Apr 21, 2017
Public Review Start: Feb 1, 2019
Approval Date: May 18, 2019

PINS Date: Public Review Start: Feb 9, 2018
Approval Date: Sep 3, 2018
PINS Date: Jul 7, 2017
Public Review Start: Feb 7, 2020
Approval Date: Apr 4, 2020

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

ANSI/NFPA 1801-2021, Standard on Thermal Imagers for the Fire Service (revision of ANSI/NFPA 1801-2018)
PINS Date: Feb 23, 2018
Public Review Start: Feb 7, 2020
Approval Date: Apr 4, 2020

ANSI/NFPA 1851-2020, Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting (revision of ANSI/NFPA 1851-2014)
PINS Date: Sep 2, 2016
Public Review Start: Mar 29, 2019
Approval Date: Aug 25, 2019

PINS Date: Apr 21, 2017
Public Review Start: Feb 9, 2018
Approval Date: May 24, 2018

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

ANSI/NFPA 1858-2018, Standard on Selection, Care, and Maintenance of Life Safety Rope and Equipment for Emergency Services (new standard)
PINS Date: Jul 7, 2017
Public Review Start: Jun 23, 2017
Approval Date: Nov 30, 2017

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: Jul 22, 2011
Public Review Start: Feb 13, 2015
Approval Date: Sep 7, 2015

PINS Date: Nov 30, 2012
Public Review Start: Feb 13, 2015
Approval Date: Jun 15, 2015

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: Dec 27, 2013
Public Review Start: Sep 19, 2014
Approval Date: Nov 14, 2015

PINS Date: Apr 21, 2017
Public Review Start: Feb 9, 2018
Approval Date: May 24, 2018

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017
<table>
<thead>
<tr>
<th>ANSI/NFPA Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Dec 26, 2017

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date:
Public Review Start: Sep 3, 2010
Approval Date: Jan 3, 2011

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: Apr 21, 2017
Public Review Start: Feb 9, 2018
Approval Date: May 24, 2018

PINS Date: Dec 27, 2013
Public Review Start: Sep 19, 2014
Approval Date: Jan 14, 2016

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date: Apr 21, 2017
Public Review Start: Apr 12, 2019
Approval Date: Jun 30, 2019

PINS Date:
Public Review Start: Feb 16, 2018
Approval Date: May 24, 2018

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Dec 29, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

ANSI/NFPA 204-2018, Standard for Smoke and Heat Venting  (revision of ANSI/NFPA 204-2014)
PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Sep 2, 2016</td>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Aug 15, 2018</td>
<td>Approval Date:</td>
<td>Dec 1, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 21, 2017</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Sep 4, 2017</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 21, 2017</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Feb 8, 2019</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 18, 2019</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Dec 27, 2013</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 14, 2015</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>May 19, 2017</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 30, 2017</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Mar 30, 2012</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Aug 21, 2017</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Feb 23, 2018</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 4, 2020</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>
PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016
PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: May 19, 2017
Public Review Start: Jun 23, 2017
Approval Date: Aug 18, 2017

PINS Date: May 19, 2017
Public Review Start: Jun 23, 2017
Approval Date: Aug 18, 2017

PINS Date: Jan 25, 2018
Public Review Start: Feb 9, 2018
Approval Date: May 24, 2018

PINS Date: May 11, 2018
Public Review Start: Feb 7, 2020
Approval Date: Apr 4, 2020

PINS Date: Mar 30, 2012
Public Review Start: Jan 3, 2014
Approval Date: Sep 4, 2017

ANSI/NFPA 3000-2021, Standard for an Active Shooter/Hostile Event Response (ASHER) Program (new standard)
PINS Date: May 11, 2018
Public Review Start: Feb 7, 2020
Approval Date: Apr 4, 2020

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date: Apr 21, 2017
Public Review Start: Feb 1, 2019
Approval Date: Aug 25, 2019

PINS Date: Apr 21, 2017
Public Review Start: Feb 1, 2019
Approval Date: Aug 25, 2019
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Dec 8, 2017</td>
<td>PINS Date: Mar 30, 2012</td>
</tr>
<tr>
<td>Approval Date: Apr 4, 2020</td>
<td>Approval Date: Aug 21, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Jan 25, 2018</td>
<td>PINS Date: Dec 27, 2013</td>
</tr>
<tr>
<td>Approval Date: May 24, 2018</td>
<td>Approval Date: Nov 14, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Dec 8, 2017</td>
<td>PINS Date: Oct 13, 2017</td>
</tr>
<tr>
<td>Public Review Start: Mar 1, 2019</td>
<td>Public Review Start: Oct 5, 2018</td>
</tr>
<tr>
<td>Approval Date: Oct 31, 2019</td>
<td>Approval Date: Apr 30, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Apr 21, 2017</td>
<td>PINS Date: Oct 13, 2017</td>
</tr>
<tr>
<td>Public Review Start: Apr 21, 2017</td>
<td>Public Review Start: Oct 5, 2018</td>
</tr>
<tr>
<td>Approval Date: Aug 21, 2017</td>
<td>Approval Date: Apr 30, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Jan 25, 2018</td>
<td>PINS Date: May 19, 2017</td>
</tr>
<tr>
<td>Approval Date: May 24, 2018</td>
<td>Approval Date: Nov 30, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Oct 13, 2017</td>
<td>PINS Date: Dec 27, 2013</td>
</tr>
<tr>
<td>Approval Date: Nov 24, 2019</td>
<td>Approval Date: Nov 14, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Dec 8, 2017</td>
<td>PINS Date: Sep 2, 2016</td>
</tr>
<tr>
<td>Public Review Start: Jan 17, 2020</td>
<td>Public Review Start: Jul 27, 2018</td>
</tr>
<tr>
<td>Approval Date: Apr 4, 2020</td>
<td>Approval Date: Nov 25, 2018</td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date:   
Public Review Start:   Sep 15, 2017 
Approval Date:   Dec 1, 2016 

PINS Date:   Apr 21, 2017 
Public Review Start:   Apr 21, 2017 
Approval Date:   Sep 4, 2017 

PINS Date:   
Public Review Start:   Sep 15, 2017 
Approval Date:   Dec 1, 2016 

PINS Date:   Apr 27, 2012 
Public Review Start:   Jan 3, 2014 
Approval Date:   Aug 21, 2017 

ANSI/NFPA 40-2019, Standard for the Storage and Handling of Cellulose Nitrate Film (revision of ANSI/NFPA 40-2015)
PINS Date:   
Public Review Start:   Feb 9, 2018 
Approval Date:   May 24, 2018 

PINS Date:   
Public Review Start:   Feb 16, 2018 
Approval Date:   Sep 3, 2018 

PINS Date:   
Public Review Start:   Feb 9, 2018 
Approval Date:   Nov 25, 2018 

PINS Date:   Apr 21, 2017 
Public Review Start:   Apr 21, 2017 
Approval Date:   Aug 21, 2017 

PINS Date:   Apr 21, 2017 
Public Review Start:   Feb 1, 2019 
Approval Date:   May 18, 2019 

PINS Date:   
Public Review Start:   Sep 15, 2017 
Approval Date:   Jun 2, 2016 

PINS Date:   Nov 30, 2012 
Public Review Start:   Sep 15, 2017 
Approval Date:   Dec 1, 2016 

ANSI/NFPA 409-2016, Standard on Aircraft Hangars (revision of ANSI/NFPA 409-2011)
PINS Date:   Nov 30, 2012 
Public Review Start:   Feb 13, 2015 
Approval Date:   Jun 15, 2015 

PINS Date:   Oct 13, 2017 
Public Review Start:   Sep 7, 2018 
Approval Date:   Feb 4, 2019 

PINS Date:   Apr 21, 2017 
Public Review Start:   Feb 1, 2019 
Approval Date:   May 18, 2019
PINS Date: 
Public Review Start: Feb 1, 2019
Approval Date: May 18, 2019

PINS Date: Nov 30, 2012
Public Review Start: Feb 13, 2015
Approval Date: Jun 15, 2015

PINS Date: Dec 27, 2013
Public Review Start: Sep 19, 2014
Approval Date: Nov 14, 2015

PINS Date: Nov 30, 2012
Public Review Start: Feb 28, 2014
Approval Date: Jul 29, 2014

PINS Date: Dec 8, 2017
Public Review Start:
Approval Date: Dec 1, 2016

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Jun 2, 2016

PINS Date: Dec 15, 2017
Public Review Start: Mar 29, 2019
Approval Date: Jun 30, 2019

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date: Jan 25, 2018
Public Review Start: Feb 9, 2018
Approval Date: May 24, 2018

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Aug 4, 2017
Public Review Start: Mar 29, 2019
Approval Date: Apr 4, 2020
PINS Date: Jul 7, 2017
Public Review Start: Feb 7, 2020
Approval Date: Apr 4, 2020

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Aug 4, 2017
Public Review Start: Feb 7, 2020
Approval Date: Apr 4, 2020

PINS Date: Mar 30, 2012
Public Review Start: Jan 3, 2014
Approval Date: Sep 4, 2017

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Dec 1, 2016

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Jun 2, 2016

PINS Date: Jul 21, 2017
Public Review Start: Mar 9, 2018
Approval Date: Oct 29, 2019

ANSI/NFPA 505-2018, Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations (revision of ANSI/NFPA 505-2012)
PINS Date: May 19, 2017
Public Review Start: Jun 23, 2017
Approval Date: Aug 18, 2017

PINS Date: Dec 8, 2017
Approval Date: Aug 11, 2016

ANSI/NFPA 51B-2019, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work (revision of ANSI/NFPA 51B-2013)
PINS Date: Jan 25, 2018
Public Review Start: Feb 9, 2018
Approval Date: Jul 15, 2018

PINS Date: Sep 2, 2016
Public Review Start: Aug 10, 2017
Approval Date: Nov 25, 2018

ANSI/NFPA 520-2016, Standard on Subterranean Spaces (revision of ANSI/NFPA 520-2010)
PINS Date: Jul 22, 2011
Public Review Start: Jul 18, 2014
Approval Date: Sep 7, 2015
PINS Date: Dec 27, 2013
Public Review Start: Sep 19, 2014
Approval Date: Nov 14, 2015

PINS Date: Feb 23, 2018
Public Review Start: Jan 24, 2020
Approval Date: Apr 4, 2020

PINS Date: Apr 21, 2017
Public Review Start: Feb 1, 2019
Approval Date: May 18, 2019


PINS Date: Sep 2, 2016
Public Review Start: Sep 8, 2017
Approval Date: Apr 4, 2018

PINS Date: Sep 15, 2017
Public Review Start: Jun 2, 2016

PINS Date: Apr 21, 2017
Public Review Start: Feb 8, 2019
Approval Date: May 18, 2019

PINS Date: Apr 21, 2017
Public Review Start: Feb 8, 2019
Approval Date: May 18, 2019

PINS Date: Jul 7, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Jul 21, 2017
Public Review Start: Mar 23, 2018
Approval Date: Aug 25, 2019

PINS Date: Feb 23, 2018
Public Review Start: Jan 24, 2020
Approval Date: Apr 4, 2020

PINS Date: Sep 2, 2016
Public Review Start: Sep 21, 2018
Approval Date: Nov 25, 2018

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019
PINS Date: Apr 21, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Jan 25, 2018
Public Review Start: Apr 21, 2017
Approval Date: Dec 2, 2017

PINS Date: Jul 21, 2017
Public Review Start: Feb 8, 2019
Approval Date: Aug 25, 2019

PINS Date: Jul 21, 2017
Public Review Start: Feb 8, 2019
Approval Date: Aug 25, 2019

PINS Date: Sep 15, 2017
Public Review Start: Dec 1, 2016
Approval Date: Nov 24, 2019

PINS Date: Aug 4, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Sep 15, 2017
Public Review Start: Aug 10, 2018
Approval Date: Nov 25, 2018

PINS Date: Jul 21, 2017
Public Review Start: Apr 26, 2019
Approval Date: Aug 25, 2019

PINS Date: Feb 23, 2018
Public Review Start: Jan 3, 2020
Approval Date: Apr 4, 2020

PINS Date: Sep 25, 2018
Public Review Start: Sep 25, 2018
Approval Date: Jun 2, 2016

PINS Date: Sep 25, 2018
Public Review Start: Sep 25, 2018
Approval Date: Jun 2, 2016

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017
ANSI/NFPA 70B-2019, Recommended Practice for Electrical Equipment Maintenance (revision of ANSI/NFPA 70B-2016)
   PINS Date: Sept 2, 2016
   Public Review Start: July 27, 2018
   Approval Date: Nov 25, 2018

ANSI/NFPA 70E-2018, Standard for Electrical Safety in the Workplace (revision of ANSI/NFPA 70E-2014)
   PINS Date: April 21, 2017
   Public Review Start: April 21, 2017
   Approval Date: Aug 21, 2017

   PINS Date: Jan 25, 2018
   Public Review Start: Feb 9, 2018
   Approval Date: Sep 3, 2018

ANSI/NFPA 73-2020, Standard for Electrical Inspections for Existing Dwellings (revision of ANSI/NFPA 73-2016)
   PINS Date: Dec 8, 2017
   Public Review Start: Mar 1, 2019
   Approval Date: Sep 19, 2019

   PINS Date: Oct 20, 2017
   Public Review Start: Aug 16, 2019
   Approval Date: Nov 24, 2019

   PINS Date: 
   Public Review Start: Sep 15, 2017
   Approval Date: Dec 1, 2016

   PINS Date: July 7, 2017
   Public Review Start: Aug 16, 2019
   Approval Date: Nov 24, 2019

   PINS Date: Nov 10, 2017
   Public Review Start: Aug 16, 2019
   Approval Date: Nov 24, 2019

   PINS Date: Jan 25, 2018
   Public Review Start: Feb 9, 2018
   Approval Date: May 24, 2018

   PINS Date: Oct 13, 2017
   Public Review Start: Aug 16, 2019
   Approval Date: Nov 24, 2019

ANSI/NFPA 77-2019, Recommended Practice on Static Electricity (revision of ANSI/NFPA 77-2013)
   PINS Date: Jan 25, 2018
   Public Review Start: Feb 9, 2018
   Approval Date: May 24, 2018

ANSI/NFPA 770-2021, Standard on Hybrid (Water and Inert Gas) Fire Extinguishing Systems (new standard)
   PINS Date: Dec 15, 2017
   Public Review Start: Jan 3, 2020
   Approval Date: Apr 4, 2020

ANSI/NFPA 78-2019, Guide on Electrical Inspections (new standard)
   PINS Date: Aug 11, 2017
   Public Review Start: Apr 12, 2019
   Approval Date: Jun 30, 2019

   PINS Date: July 21, 2017
   Public Review Start: Mar 23, 2018
   Approval Date: May 18, 2019
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: May 19, 2017
Public Review Start: Aug 25, 2017
Approval Date: Nov 30, 2017

PINS Date: Apr 21, 2017
Public Review Start: Apr 21, 2017
Approval Date: Aug 21, 2017

PINS Date: Feb 23, 2018
Public Review Start: Jan 3, 2020
Approval Date: Apr 4, 2020

PINS Date: Public Review Start: Feb 16, 2018
Approval Date: May 24, 2018

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Aug 25, 2019

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Jun 2, 2016

PINS Date: Sep 2, 2016
Public Review Start: Aug 10, 2018
Approval Date: Nov 25, 2018

PINS Date: Apr 21, 2017
Public Review Start: Feb 1, 2019
Approval Date: May 18, 2019

PINS Date: Sep 2, 2016
Public Review Start: Jul 27, 2018
Approval Date: Nov 25, 2018

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Date of Revision</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/NFPA 86-2019</td>
<td>Standard for Ovens and Furnaces</td>
<td>Jan 25, 2018</td>
<td>Feb 9, 2018</td>
<td>May 24, 2018</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Oct 13, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 24, 2019

ANSI/NFPA 951-2016, Guide to Building and Utilizing Data Information (new standard)
PINS Date: Oct 11, 2013
Public Review Start: Sep 19, 2014
Approval Date: Nov 14, 2015

PINS Date: Jul 7, 2017
Public Review Start: Mar 29, 2019
Approval Date: Apr 4, 2020

PINS Date: Mar 30, 2012
Public Review Start: Jan 3, 2014
Approval Date: Sep 4, 2017

PINS Date: Feb 23, 2018
Public Review Start: Jan 17, 2020
Approval Date: Apr 4, 2020

ANSI/NFRC 100-2020 E0A0, Procedure for Determining Fenestration Product Ufactors (revision of ANSI/NFRC 100-2017 [E0A2])
PINS Date: Dec 13, 2019
Public Review Start: Feb 7, 2020
Approval Date: May 14, 2020

PINS Date: Apr 13, 2018
Public Review Start: May 25, 2018
Approval Date: Jul 2, 2018

PINS Date: Dec 13, 2019
Public Review Start: Feb 7, 2020
Approval Date: May 14, 2020

PINS Date: Mar 8, 2019
Public Review Start: Dec 20, 2019
Approval Date: May 14, 2020

ANSI/NFRC 203-2020, Procedure for Determining Visible Transmittance of Tubular Daylighting Devices (new standard)
PINS Date: Mar 8, 2019
Public Review Start: Dec 20, 2019
Approval Date: May 14, 2020

ANSI/NFRC 400-2020, Procedure for Determining Fenestration Product Air Leakage (revision of ANSI/NFRC 400-2014 (R2017))
PINS Date: Public Review Start: Dec 20, 2019
Approval Date: May 14, 2020

ANSI/NFRC 500-2020, Procedure for Determining Fenestration Product Condensation Index Ratings (new standard)
PINS Date: May 3, 2019
Public Review Start: Dec 20, 2019
Approval Date: May 14, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Approval Date: Dec 23, 2014

PINS Date:
Public Review Start: Nov 2, 2012
Approval Date: Mar 26, 2013

PINS Date:
Public Review Start: Dec 10, 2010
Approval Date: Mar 15, 2011

PINS Date:
Public Review Start: Dec 9, 2011
Approval Date: Feb 22, 2012

PINS Date:
Public Review Start: Dec 9, 2011
Approval Date: Feb 22, 2012

PINS Date:
Public Review Start: May 25, 2012
Approval Date: Aug 9, 2012

PINS Date:
Public Review Start: May 25, 2012
Approval Date: Aug 9, 2012

PINS Date: Aug 10, 2012
Public Review Start: Sep 7, 2012
Approval Date: Feb 20, 2013

PINS Date:
Public Review Start: Feb 17, 2012
Approval Date: Apr 16, 2012

PINS Date:
Public Review Start: Jan 6, 2017
Approval Date: Apr 3, 2017

PINS Date:
Public Review Start: Feb 12, 2010
Approval Date: May 13, 2010

PINS Date:
Approval Date: Dec 23, 2014

PINS Date: Mar 7, 2014
Approval Date: Dec 5, 2014
Approved American National Standards

ANSI/NISO Z39.96-2019, JATS: Journal Article Tag Suite
(1.2) (revision of ANSI/NISO Z39.96-2015)
PINS Date:   Dec 21, 2018
Approval Date:   Feb 8, 2019

PINS Date:   Feb 17, 2012
Public Review Start:   May 4, 2012
Approval Date:   Jul 9, 2012

PINS Date:   May 13, 2016
Approval Date:   Feb 2, 2017

PINS Date:
Public Review Start:   Jan 19, 2018
Approval Date:   Mar 16, 2018

NPPC (National Pork Producers Council )
www.nppc.org

PINS Date:   Mar 2, 2007
Public Review Start:   Dec 16, 2011
Approval Date:   Feb 19, 2012

PINS Date:   Mar 2, 2007
Public Review Start:   Dec 16, 2011
Approval Date:   Feb 19, 2012

PINS Date:   Mar 2, 2007
Public Review Start:   Dec 16, 2011
Approval Date:   Feb 19, 2012

PINS Date:   Mar 2, 2007
Public Review Start:   Dec 16, 2011
Approval Date:   Feb 19, 2012

PINS Date:   Mar 2, 2007
Public Review Start:   Dec 16, 2011
Approval Date:   Feb 19, 2012

Provided by American National Standards Institute   www.ansi.org   Monday, June 15, 2020   PAGE | 786
NSAA (ASC B77)  (National Ski Areas Association)

PINS Date:   Feb 13, 2015
Public Review Start:   Mar 10, 2017
Approval Date:   May 11, 2017

ANSI B77.2-2014, Funiculars - Safety Standard  (revision of ANSI B77.2-2004)
PINS Date:   Jul 14, 2006
Public Review Start:   Jul 25, 2014
Approval Date:   Sep 19, 2014

NSF  (NSF International )
www.nsf.org

ANSI/BIFMA e3-2019 (i23r2), NSF/BIFMA e3 - Furniture Sustainability Standard  (revision of ANSI/BIFMA e3-2014)
PINS Date:
Public Review Start:   Apr 27, 2018
Approval Date:   Apr 3, 2019

ANSI/NSC 373-2017 (i1r1), Sustainable Production of Natural Dimension Stone  (revision and redesignation of ANSI/NSC 373-2014 (i2r1))
PINS Date:
Public Review Start:   Feb 17, 2017
Approval Date:   Aug 8, 2017

ANSI/NSC 373-2019 (i3r1), Sustainability Assessment for Natural Dimension Stone  (revision of ANSI/NSC 373-2017)
PINS Date:
Public Review Start:   Dec 21, 2018
Approval Date:   Feb 4, 2019

ANSI/NSC 373-2019 (i4r1), Sustainability Assessment Natural Dimension Stone  (revision of ANSI/NSC 373-2017)
PINS Date:
Public Review Start:   Jun 28, 2019
Approval Date:   Aug 12, 2019

ANSI/NSC 373-2019 (i5r1), Sustainability Assessment Natural Dimension Stone  (revision of ANSI/NSC 373-2017)
PINS Date:
Public Review Start:   Jun 28, 2019
Approval Date:   Jul 28, 2019

ANSI/NSF 12-2017 (i11r1), Automatic Ice Making Equipment  (revision of ANSI/NSF 12-2012)
PINS Date:
Public Review Start:   May 26, 2017
Approval Date:   Jun 28, 2017

PINS Date:
Public Review Start:   Sep 14, 2018
Approval Date:   Oct 14, 2018

PINS Date:
Public Review Start:   Apr 21, 2017
Approval Date:   May 25, 2017

ANSI/NSF 14-2014 (i40r3), Plastics Piping System Components and Related Materials  (revision of ANSI/NSF 14-2013)
PINS Date:
Public Review Start:   Feb 28, 2014
Approval Date:   Oct 10, 2014

ANSI/NSF 14-2014 (i40r4), Plastic Piping System Components and Related Materials  (revision of ANSI/NSF 14-2013)
PINS Date:
Public Review Start:   Aug 8, 2014
Approval Date:   Oct 10, 2014

ANSI/NSF 14-2014 (i55r1), Plastics piping system components and related materials  (revision of ANSI/NSF 14-2014)
PINS Date:
Approval Date:   Dec 4, 2014

Provided by American National Standards Institute  www.ansi.org   Monday, June 15, 2020
<table>
<thead>
<tr>
<th>ANSI/NSF 14-2014 (i64r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)</th>
<th>ANSI/NSF 14-2016 (i72r1), NSF/ANSI 14 - Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Dec 11, 2014</td>
<td>Approval Date: Jul 1, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Oct 17, 2014</td>
<td>Approval Date: Jul 12, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jan 27, 2015</td>
<td>Approval Date: May 24, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Feb 15, 2015</td>
<td>Approval Date: May 24, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jan 16, 2015</td>
<td>Approval Date: Sep 9, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Jan 15, 2015</td>
<td>Approval Date: Jun 24, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date: Sep 25, 2015</td>
<td>Approval Date: Aug 26, 2016</td>
</tr>
</tbody>
</table>
Approved American National Standards

ANSI/NSF 14-2016 (i79r2), *NSF 14 - 2014 Plastics piping system components and related materials* (revision of ANSI/NSF 14-2014)
PINS Date: 
Approval Date:  Sep 4, 2016

ANSI/NSF 14-2016 (i80r1), *Plastics piping system components and related materials* (revision of ANSI/NSF 14-2015)
PINS Date: 
Public Review Start:  Jul 8, 2016
Approval Date:  Aug 22, 2016

ANSI/NSF 14-2016 (i81r1), *NSF/ANSI 14: Plastics Piping System Components and Related Materials* (revision of ANSI/NSF 14-2016)
PINS Date: 
Approval Date:  Nov 29, 2016

PINS Date: 
Public Review Start:  Jul 29, 2016
Approval Date:  Feb 28, 2017

ANSI/NSF 14-2017 (i82r1), *Plastics Piping System Components and Related Materials* (revision of ANSI/NSF 14-2007 (i17))
PINS Date: 
Approval Date:  Jan 26, 2017

ANSI/NSF 14-2017 (i83r1), *NSF/ANSI 14: Plastics Piping System Components and Related Materials* (revision of ANSI/NSF 14-2016a)
PINS Date: 
Public Review Start:  May 19, 2017
Approval Date:  Jun 18, 2017

ANSI/NSF 14-2017 (i85r1), *Plastics Piping System Components and Related Materials* (revision of ANSI/NSF 14-2016a)
PINS Date: 
Public Review Start:  Jun 9, 2017
Approval Date:  Jul 19, 2017

ANSI/NSF 14-2017 (i87r1), *NSF/ANSI 14 - Plastics piping system components and related materials* (revision of ANSI/NSF 14-2016)
PINS Date: 
Public Review Start:  Nov 24, 2017
Approval Date:  Dec 24, 2017

PINS Date: 
Public Review Start:  Nov 17, 2017
Approval Date:  Dec 20, 2017

PINS Date: 
Public Review Start:  May 18, 2018
Approval Date:  Jun 19, 2018

PINS Date: 
Public Review Start:  Sep 21, 2018
Approval Date:  Nov 5, 2018

ANSI/NSF 14-2018 (i86r1), *NSF 14 - Plastics Piping System Components and Related Materials* (revision of ANSI/NSF 14-2016)
PINS Date: 
Public Review Start:  Dec 15, 2017
Approval Date:  Jan 30, 2018

ANSI/NSF 14-2018 (i88r1), *NSF 14-Plastics Piping System Components and Related Materials* (revision of ANSI/NSF 14-2016)
PINS Date: 
Public Review Start:  Dec 29, 2017
Approval Date:  Feb 2, 2018

ANSI/NSF 14-2018 (i89r1), *NSF 14-Plastics Piping System Components and Related Materials* (revision of ANSI/NSF 14-2016)
PINS Date: 
Public Review Start:  Dec 29, 2017
Approval Date:  Feb 2, 2018
Approved American National Standards

ANSI/NSF 14-2018 (i90r1), NSF 14-Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)
PINS Date: Public Review Start: Dec 29, 2017
Approval Date: Feb 5, 2018

ANSI/NSF 14-2018 (i91r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)
PINS Date: Public Review Start: Feb 9, 2018
Approval Date: Mar 11, 2018

PINS Date: Public Review Start: Aug 17, 2018
Approval Date: Oct 1, 2018

PINS Date: Public Review Start: Jan 5, 2018
Approval Date: Feb 12, 2018

PINS Date: Public Review Start: May 11, 2018
Approval Date: Jul 28, 2018

ANSI/NSF 14-2018 (i95r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)
PINS Date: Public Review Start: Feb 23, 2018
Approval Date: Mar 25, 2018

PINS Date: Public Review Start: Jun 29, 2018
Approval Date: Aug 31, 2018

PINS Date: Public Review Start: Jul 20, 2018
Approval Date: Aug 31, 2018

PINS Date: Public Review Start: Aug 17, 2018
Approval Date: Oct 1, 2018

PINS Date: Public Review Start: Feb 15, 2019
Approval Date: Oct 18, 2019

PINS Date: Public Review Start: Mar 29, 2019
Approval Date: Oct 28, 2019

ANSI/NSF 14-2019 (i103r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)
PINS Date: Public Review Start: Sep 20, 2019
Approval Date: Nov 4, 2019

ANSI/NSF 14-2019 (i104r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)
PINS Date: Public Review Start: Oct 25, 2019
Approval Date: Nov 26, 2019

PINS Date: Public Review Start: Oct 11, 2019
Approval Date: Nov 28, 2019

PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Dec 7, 2019

The data in this document is reported as of Monday, June 15, 2020
ANSI/NSF 140-2015 (i26r4), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2013)
PINS Date: Public Review Start: Jan 30, 2015 Approval Date: Mar 20, 2015

ANSI/NSF 140-2019 (i27r2), Sustainability Assessment for Carpet (revision of BSR/NSF 140-201x (i27r1))
PINS Date: Public Review Start: Dec 14, 2018 Approval Date: Feb 6, 2019

ANSI/NSF 140-2019 (i28r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2015)
PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Apr 12, 2019

ANSI/NSF 140-2019 (i29r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2015)
PINS Date: Public Review Start: May 17, 2019 Approval Date: Jun 28, 2019

PINS Date: Public Review Start: Mar 1, 2019 Approval Date: Mar 31, 2019

PINS Date: Public Review Start: Mar 1, 2019 Approval Date: Mar 31, 2019

ANSI/NSF 14159-3-2019 (i7r1), NSF 14159-3: Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-3-2014)
PINS Date: Public Review Start: Mar 1, 2019 Approval Date: Mar 31, 2019

ANSI/NSF 169-2016 (i7r2), NSF 169-12 Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169-2012)
PINS Date: Public Review Start: Nov 11, 2016 Approval Date: Dec 11, 2016

ANSI/NSF 169-2020 (i9r1), NSF 169 - Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169-2016)
PINS Date: Public Review Start: Apr 26, 2019 Approval Date: Mar 2, 2020

ANSI/NSF 170-2015 (i16r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2011)
PINS Date: Public Review Start: Jan 31, 2014 Approval Date: Jun 22, 2015

ANSI/NSF 170-2015 (i17r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2014)
PINS Date: Public Review Start: Oct 9, 2015 Approval Date: Nov 10, 2015

ANSI/NSF 170-2015 (i18r3), Glossary of food equipment technology (revision of ANSI/NSF 170-2014)
PINS Date: Public Review Start: Nov 20, 2015 Approval Date: Dec 20, 2015

PINS Date: Public Review Start: Apr 21, 2017 Approval Date: May 25, 2017

PINS Date: Public Review Start: Sep 15, 2017 Approval Date: Oct 15, 2017
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Review Start: Feb 1, 2019</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 11, 2019</td>
<td>Public Review Start: Nov 13, 2015</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 22, 2019</td>
<td>Approval Date: Feb 1, 2016</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Jul 15, 2019</td>
<td>Approval Date: Feb 5, 2016</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Jun 2, 2019</td>
<td>Approval Date: Feb 1, 2016</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Apr 14, 2019</td>
<td>Approval Date: Mar 25, 2016</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: May 26, 2019</td>
<td>Approval Date: Dec 10, 2017</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Dec 28, 2015</td>
<td>Approval Date: Sep 20, 2017</td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Dec 28, 2015</td>
<td>Approval Date: Jul 25, 2017</td>
</tr>
<tr>
<td>ANSI/NSF standard</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-------------</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/NSF 177-2019 (i8r1), NSF 177 - Shower Filtration Systems – Aesthetic Effects (revision of ANSI/NSF 177-2014)
PINS Date:
Public Review Start: Aug 9, 2019
Approval Date: Sep 10, 2019

ANSI/NSF 18-2016 (i14r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2012)
PINS Date:
Public Review Start: May 6, 2016
Approval Date: Jun 8, 2016

ANSI/NSF 184-2014 (i5r1), Residential Dishwashers (revision of ANSI/NSF 184-2010)
PINS Date:
Approval Date: Nov 12, 2014

ANSI/NSF 184-2019 (i11r2), NSF 184 - Residential Dishwashers (revision of ANSI/NSF 184-2014)
PINS Date:
Public Review Start: Feb 8, 2019
Approval Date: Mar 13, 2019

ANSI/NSF 2-2015 (i24r2), Food Equipment (revision of ANSI/NSF 2-2014)
PINS Date:
Public Review Start: Mar 27, 2015
Approval Date: Dec 11, 2015

ANSI/NSF 2-2016 (i23r2), Food Equipment (revision of ANSI/NSF 2-2012)
PINS Date:
Public Review Start: Jan 31, 2014
Approval Date: Jun 3, 2016

ANSI/NSF 2-2016 (i25r2), Food Equipment (revision of ANSI/NSF 2-2012)
PINS Date:
Approval Date: Jun 18, 2016

ANSI/NSF 2-2018 (i26r2), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2016)
PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Apr 22, 2018

ANSI/NSF 2-2018 (i27r1), Food Equipment (revision of ANSI/NSF 2-2015)
PINS Date:
Public Review Start: Dec 22, 2017
Approval Date: Apr 2, 2018

ANSI/NSF 2-2018 (i28r1), Food Equipment (revision of ANSI/NSF 2-2016)
PINS Date:
Public Review Start: May 4, 2018
Approval Date: Jun 4, 2018

ANSI/NSF 2-2018 (i29r1), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2016)
PINS Date:
Public Review Start: Mar 30, 2018
Approval Date: May 3, 2018

ANSI/NSF 2-2019 (i33r1), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2018)
PINS Date:
Public Review Start: Aug 2, 2019
Approval Date: Sep 2, 2019

ANSI/NSF 2-2019 (i34r3), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2018)
PINS Date:
Public Review Start: Apr 12, 2019
Approval Date: Jun 21, 2019

ANSI/NSF 2-2019 (i35r1), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2018)
PINS Date:
Public Review Start: Apr 26, 2019
Approval Date: Aug 7, 2019

ANSI/NSF 20-2016 (i6r1), Commercial Bulk Milk Dispensing Equipment (revision of ANSI/NSF 20-2007 (i3))
PINS Date:
Approval Date: Nov 13, 2016
<table>
<thead>
<tr>
<th>ANSI/NSF Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/NSF 21-2019 (i8r1)</td>
<td>NSF 21 - Thermoplasti...  (revision of ANSI/NSF 21-2015)</td>
<td></td>
<td>Apr 26, 2019</td>
<td>Nov 7, 2019</td>
</tr>
<tr>
<td>ANSI/NSF 244-2018 (i11r15)</td>
<td>Supplemental Microbiological Water Treatment Systems - Filtration (new standard)</td>
<td></td>
<td>Aug 1, 2003</td>
<td>Apr 23, 2018</td>
</tr>
<tr>
<td>ANSI/NSF 244-2018 (i2r1)</td>
<td>NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018)</td>
<td></td>
<td>Jul 13, 2018</td>
<td>Aug 13, 2018</td>
</tr>
<tr>
<td>ANSI/NSF 244-2019 (i4r1.1)</td>
<td>NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018A)</td>
<td></td>
<td>Jun 21, 2019</td>
<td>Jul 22, 2019</td>
</tr>
<tr>
<td>ANSI/NSF 244-2019 (i5r1)</td>
<td>Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018)</td>
<td></td>
<td>Aug 2, 2019</td>
<td>Sep 5, 2019</td>
</tr>
<tr>
<td>ANSI/NSF 245-2018 (i12r2)</td>
<td>NSF 245 - Wastewater treatment systems - Nitrogen reduction (revision of ANSI/NSF 245-2013)</td>
<td></td>
<td>Dec 22, 2017</td>
<td>Jan 26, 2018</td>
</tr>
</tbody>
</table>
ANSI/NSF 245-2018 (i13r1), *Wastewater Treatment Systems Nitrogen Reduction* (revision and redesignation of ANSI/NSF 245-2010 (i4))
PINS Date: Public Review Start: Mar 16, 2018 Approval Date: Apr 15, 2018

ANSI/NSF 245-2018 (i14r1), *Wastewater Treatment Systems Nitrogen Reduction* (revision of ANSI/NSF 245-2013)
PINS Date: Public Review Start: Mar 16, 2018 Approval Date: Apr 16, 2018

PINS Date: Public Review Start: Apr 12, 2019 Approval Date: May 30, 2019

PINS Date: Public Review Start: Apr 19, 2019 Approval Date: Jun 4, 2019

ANSI/NSF 25-2017 (i11r1), *Vending Machines for Food and Beverages* (revision of ANSI/NSF 25-2012)
PINS Date: Public Review Start: Apr 7, 2017 Approval Date: May 7, 2017

ANSI/NSF 29-2017 (i5r2), *NSF 29 - 2012 Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines* (revision of ANSI/NSF 29-2012)
PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 6, 2017

ANSI/NSF 3-2017 (i12r1), *Commercial Warewashing Equipment* (revision of ANSI/NSF 3-2012)
PINS Date: Public Review Start: Mar 3, 2017 Approval Date: Apr 12, 2017

PINS Date: Public Review Start: Sep 28, 2018 Approval Date: Feb 19, 2019

PINS Date: Public Review Start: Jan 18, 2019 Approval Date: Feb 26, 2019

PINS Date: Public Review Start: Nov 14, 2014 Approval Date: Dec 22, 2014

PINS Date: Public Review Start: Feb 15, 2019 Approval Date: Mar 19, 2019

PINS Date: Public Review Start: Nov 14, 2014 Approval Date: Dec 22, 2014

PINS Date: Public Review Start: Feb 15, 2019 Approval Date: Mar 19, 2019
ANSI/NSF 3-A 14159-3-2014 (i6r1), Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-3-2010)
PINS Date:  
Public Review Start: Nov 14, 2014  
Approval Date: Dec 22, 2014

ANSI/NSF 3-A 14159-3-2015 (i3r1), Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-3-2010)
PINS Date:  
Public Review Start: Nov 14, 2014  
Approval Date: Jan 23, 2015

ANSI/NSF 3-A 14159-3-2019 (i8r1), Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-3-2014)
PINS Date:  
Public Review Start: Feb 15, 2019  
Approval Date: Mar 19, 2019

ANSI/NSF 305-2014 (i20r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2011)
PINS Date:  
Public Review Start: May 9, 2014  
Approval Date: Nov 4, 2014

ANSI/NSF 305-2015 (i19r2), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2012)
PINS Date:  
Public Review Start: Dec 26, 2014  
Approval Date: Feb 3, 2015

ANSI/NSF 305-2015 (i21r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2012)
PINS Date:  
Public Review Start: May 9, 2014  
Approval Date: Mar 3, 2015

ANSI/NSF 305-2015 (i21r4), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2012)
PINS Date:  
Public Review Start: Jan 2, 2015  
Approval Date: Mar 3, 2015

ANSI/NSF 305-2016 (i26r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2014)
PINS Date:  
Public Review Start: Jul 1, 2016  
Approval Date: Sep 8, 2016

ANSI/NSF 305-2016 (i28r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2014)
PINS Date:  
Public Review Start: Apr 29, 2016  
Approval Date: Aug 24, 2016

PINS Date:  
Public Review Start: Mar 18, 2016  
Approval Date: Oct 6, 2016

ANSI/NSF 330-2014 (i6r3), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2013)
PINS Date:  
Public Review Start: Aug 8, 2014  
Approval Date: Oct 16, 2014

ANSI/NSF 330-2015 (i7r4), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2013, BSR/NSF 330-201x (i7r3))
PINS Date:  
Public Review Start: Apr 17, 2015  
Approval Date: May 17, 2015

ANSI/NSF 330-2015 (i8), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2014)
PINS Date:  
Public Review Start: Sep 18, 2015  
Approval Date: Oct 27, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Nov 3, 2017
Approval Date: Jan 25, 2018

PINS Date:
Public Review Start: Jul 5, 2019
Approval Date: Aug 2, 2019

ANSI/NSF 332-2015 (i8r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332-2012)
PINS Date:
Public Review Start: Nov 28, 2014
Approval Date: Jan 26, 2015

ANSI/NSF 336-2018 (i2r1), Sustainability assessment for commercial furnishings fabric (revision of ANSI/NSF 336-2011)
PINS Date:
Public Review Start: Oct 27, 2017
Approval Date: Feb 7, 2018

ANSI/NSF 342-2019 (i10r2), Sustainability assessment for wallcovering products (revision of ANSI/NSF 342-2014)
PINS Date:
Public Review Start: Feb 15, 2019
Approval Date: Mar 17, 2019

ANSI/NSF 342-2019 (i11r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2014)
PINS Date:
Public Review Start: Jun 7, 2019
Approval Date: Jul 7, 2019

ANSI/NSF 347-2018 (i5r2), Sustainability Assessment for Single Ply Roofing (revision of ANSI/NSF 347-2012a)
PINS Date:
Public Review Start: Aug 10, 2018
Approval Date: Dec 10, 2018

ANSI/NSF 35-2012 (i6), High pressure decorative laminates (HPDL) for surfacing food service equipment (revision of ANSI/NSF 35-2009)
PINS Date:
Public Review Start: Dec 16, 2011
Approval Date: Aug 8, 2012

PINS Date:
Public Review Start: Feb 21, 2020
Approval Date: Mar 24, 2020

ANSI/NSF 350-1-2017 (i7r1), NSF 350-1 Onsite residential and commercial greywater treatment systems for subsurface discharge (revision of ANSI/NSF 350-1-2012)
PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Dec 22, 2017

ANSI/NSF 350-2015 (i6r1), Wastewater treatment systems - Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2012)
PINS Date:
Approval Date: May 1, 2015

ANSI/NSF 350-2016 (i11r1), Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2014)
PINS Date:
Public Review Start: Jul 8, 2016
Approval Date: Aug 26, 2016

ANSI/NSF 350-2017 (i15r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2012 (i3))
PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: Jun 21, 2017
PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: May 31, 2017

ANSI/NSF 350-2017 (i18r2), NSF 350 Onsite Residential and Commercial Water Reuse Treatment Systems (revision of BSR/NSF 350-201x (i18r1))
PINS Date:
Public Review Start: Sep 22, 2017
Approval Date: Nov 8, 2017

PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Sep 22, 2017

PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Sep 22, 2017

PINS Date:
Public Review Start: Nov 28, 2017
Approval Date: Jan 31, 2018

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Nov 23, 2017

PINS Date:
Public Review Start: Sep 23, 2016
Approval Date: Jan 31, 2017

PINS Date:
Public Review Start: Nov 24, 2017
Approval Date: Jan 2, 2018

PINS Date:
Public Review Start: Dec 1, 2017
Approval Date: Jan 3, 2018

ANSI/NSF 350-2018 (i25r1), NSF/ANSI 350: Onsite residential and commercial water reuse treatment systems (revision of BSR/NSF 350-201x (i25r1))
PINS Date:
Public Review Start: Dec 8, 2017
Approval Date: Jan 5, 2018

PINS Date:
Public Review Start: Dec 22, 2017
Approval Date: Jan 26, 2018

PINS Date:
Public Review Start: Dec 15, 2017
Approval Date: Jan 31, 2018

PINS Date:
Public Review Start: Sep 21, 2018
Approval Date: Nov 1, 2018

ANSI/NSF 350-2018 (i29r1), NSF/ANSI 350 - Onsite residential and commercial, water reuse treatment systems (revision of ANSI/NSF 350-2017a)
PINS Date:
Public Review Start: Jul 6, 2018
Approval Date: Sep 5, 2018
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong></td>
<td><strong>PINS Date:</strong></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Jun 29, 2018</td>
<td>Nov 30, 2018</td>
</tr>
<tr>
<td>Sep 12, 2018</td>
<td>Jan 7, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong></td>
<td><strong>PINS Date:</strong></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Jun 8, 2018</td>
<td>May 17, 2019</td>
</tr>
<tr>
<td>Sep 10, 2018</td>
<td>Jun 18, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong></td>
<td><strong>PINS Date:</strong></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Jun 22, 2018</td>
<td>May 3, 2019</td>
</tr>
<tr>
<td>Sep 12, 2018</td>
<td>Jun 7, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong></td>
<td><strong>PINS Date:</strong></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Jan 18, 2019</td>
<td>Jun 7, 2019</td>
</tr>
<tr>
<td>Feb 17, 2019</td>
<td>Jul 24, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong></td>
<td><strong>PINS Date:</strong></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Dec 21, 2018</td>
<td>Apr 24, 2020</td>
</tr>
<tr>
<td>Feb 20, 2019</td>
<td>Jun 8, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong></td>
<td><strong>PINS Date:</strong></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Dec 21, 2018</td>
<td>Feb 14, 2020</td>
</tr>
<tr>
<td>Feb 20, 2019</td>
<td>Apr 13, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PINS Date:</strong></td>
<td><strong>PINS Date:</strong></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Public Review Start:</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>Dec 14, 2018</td>
<td>Feb 21, 2020</td>
</tr>
<tr>
<td>Feb 13, 2019</td>
<td>Apr 3, 2020</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Mar 27, 2020
Approval Date: Apr 28, 2020

PINS Date:
Public Review Start: Nov 4, 2016
Approval Date: Jan 2, 2017

PINS Date:
Public Review Start: Nov 15, 2019
Approval Date: Jan 27, 2020

PINS Date:
Public Review Start: Nov 17, 2017
Approval Date: Dec 18, 2017

ANSI/NSF 358-3-2016 (i1r2), Cross-Linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-source (Geothermal) Heat Pump Systems (new standard)
PINS Date:
Public Review Start: Jun 27, 2009
Public Review Start: Feb 26, 2016
Approval Date: Jun 9, 2016

ANSI/NSF 358-3-2016 (i2r1), NSF/ANSI 358-3 Cross-linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems (revision of ANSI/NSF 358-3)
PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: Oct 2, 2016

ANSI/NSF 359-2016, Valves for crosslinked polyethylene (PEX) water distribution tubing systems (reaffirmation of ANSI/NSF 359-2011)
PINS Date:
Public Review Start: Jul 1, 2016
Approval Date: Aug 15, 2016

PINS Date:
Public Review Start: Dec 1, 2017
Approval Date: Jan 12, 2018

ANSI/NSF 360-2014 (i2r1), Field Performance Verification (revision of ANSI/NSF 360-2010)
PINS Date:
Public Review Start: Jun 27, 2014
Approval Date: Oct 27, 2014

ANSI/NSF 363-2016 (i2r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)
PINS Date:
Public Review Start: Jul 19, 2016
Approval Date: Jul 19, 2016
<table>
<thead>
<tr>
<th>ANSI/NSF 363-2016 (i3r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
<th>ANSI/NSF 363-2017 (i10r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 17, 2016 Approval Date: Jul 19, 2016</td>
<td>PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Jan 9, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/NSF 363-2016 (i4r2), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
<th>ANSI/NSF 37-2017 (i6r6), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2012)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Dec 4, 2016</td>
<td>PINS Date: Public Review Start: Apr 28, 2017 Approval Date: Jun 1, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/NSF 363-2016 (i5r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
<th>ANSI/NSF 372-2016 (i4r1), Drinking Water System Components - Lead Content (revision of ANSI/NSF 372-2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 17, 2016 Approval Date: Jul 21, 2016</td>
<td>PINS Date: Public Review Start: Feb 26, 2016 Approval Date: Mar 27, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/NSF 363-2016 (i6r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
<th>ANSI/NSF 375-2015 (i1r2), Sustainability Assessment for Water Contact Products (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 17, 2016 Approval Date: Jul 22, 2016</td>
<td>PINS Date: Public Review Start: Sep 12, 2014 Approval Date: Apr 1, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/NSF 363-2016 (i7r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
<th>ANSI/NSF 385-2019 (i1r11), NSF 385 - Disinfection Mechanics (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 17, 2016 Approval Date: Jul 27, 2016</td>
<td>PINS Date: Public Review Start: Jun 28, 2019 Approval Date: Jul 30, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/NSF 363-2016 (i8r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
<th>ANSI/NSF 391.1-2019 (i1r2), General Sustainability Assessment Criteria for Professional Services (new standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 17, 2016 Approval Date: Jul 28, 2016</td>
<td>PINS Date: Public Review Start: Jan 28, 2011 Approval Date: Jan 29, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/NSF 363-2016 (i9r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)</th>
<th>ANSI/NSF 4-2016 (i18r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Dec 4, 2016</td>
<td>PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Apr 22, 2016</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/NSF 4-2016 (i23r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)
PINS Date:
Public Review Start:   Nov 27, 2015
Approval Date:   Apr 14, 2016

ANSI/NSF 4-2016 (i24r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)
PINS Date:
Public Review Start:   Sep 23, 2016
Approval Date:   Oct 23, 2016

ANSI/NSF 4-2019 (i27r1), NSF 4 - Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2016)
PINS Date:
Public Review Start:   Jun 22, 2018
Approval Date:   Aug 21, 2019

ANSI/NSF 4-2019 (i29r1), NSF 4 - Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2016)
PINS Date:
Public Review Start:   Apr 26, 2019
Approval Date:   Sep 5, 2019

ANSI/NSF 40-2018 (i29r1), NSF/ANSI 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40 -2009 (i19))
PINS Date:
Public Review Start:   Mar 10, 2017
Approval Date:   Mar 20, 2018

ANSI/NSF 40-2018 (i31r2), NSF 40 - Residential Wastewater Treatment Systems (revision of ansi/NSF 40 -2013)
PINS Date:
Public Review Start:   Dec 22, 2017
Approval Date:   Jan 26, 2018

ANSI/NSF 40-2019 (i32r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
PINS Date:
Public Review Start:   Apr 19, 2019
Approval Date:   May 29, 2019

ANSI/NSF 40-2019 (i33r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
PINS Date:
Public Review Start:   Mar 15, 2019
Approval Date:   Apr 19, 2019

ANSI/NSF 40-2019 (i34r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
PINS Date:
Public Review Start:   Apr 19, 2019
Approval Date:   Jun 4, 2019

ANSI/NSF 401-2016, Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014 (i112.1))
PINS Date:
Public Review Start:   Jan 29, 2016
Approval Date:   Mar 3, 2016

ANSI/NSF 401-2016 (i3r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)
PINS Date:
Public Review Start:   May 6, 2016
Approval Date:   Jun 8, 2016

ANSI/NSF 401-2016 (i6r1), NSF 401-2016 - Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)
PINS Date:
Approval Date:   Sep 19, 2016

ANSI/NSF 401-2016 (i7r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)
PINS Date:
Public Review Start:   Jul 15, 2016
Approval Date:   Aug 29, 2016

ANSI/NSF 401-2017 (i5r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2016)
PINS Date:
Approval Date:   Jan 12, 2017
<table>
<thead>
<tr>
<th>ANSI/NSF Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/NSF 401-2017 (i8r1)</td>
<td>Drinking water treatment units - Emerging compounds/incidental contaminants</td>
<td>May 12, 2017</td>
<td>Jun 13, 2017</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 401-2017 (i9)</td>
<td>NSF/ANSI 401 Drinking water treatment units - Emerging compounds/incidental contaminants</td>
<td>Aug 24, 2018</td>
<td>Sep 23, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 401-2018 (i10r2)</td>
<td>NSF 401 - Drinking water treatment units - Emerging compounds/incidental contaminants</td>
<td>Nov 8, 2018</td>
<td>Dec 8, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 401-2018 (i11r1)</td>
<td>NSF 401 - Drinking water treatment units - Emerging compounds/incidental contaminants</td>
<td>Dec 30, 2018</td>
<td>Jan 30, 2019</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 401-2018 (i13r1)</td>
<td>Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants</td>
<td>Aug 2, 2019</td>
<td>Sep 5, 2019</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 401-2019 (i14r1)</td>
<td>NSF 401 - Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants</td>
<td>Feb 8, 2019</td>
<td>Mar 27, 2019</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 41-2018 (i8r2)</td>
<td>Non-liquid Saturated Treatment Systems</td>
<td>Apr 20, 2018</td>
<td>Jun 8, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 41-2018 (i9r1)</td>
<td>Non-liquid Saturated Treatment Systems</td>
<td>Aug 24, 2018</td>
<td>Sep 23, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 416-2014 (i1r4)</td>
<td>Sustainability Assessment for Water Treatment Chemical Products</td>
<td>Sep 19, 2014</td>
<td>Nov 18, 2014</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 416-2017 (i4r1)</td>
<td>Sustainability assessment for water treatment chemical products</td>
<td>Jan 2, 2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 418-2014 (i3r1)</td>
<td>NSF 418-2014 - Residential Wastewater - Effluent Filters Longevity Testing</td>
<td>Feb 8, 2019</td>
<td>Mar 27, 2019</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Aug 11, 2017
Approval Date: Aug 31, 2018

PINS Date:
Public Review Start: Oct 6, 2017
Approval Date: Feb 23, 2018

PINS Date:
Public Review Start: Jun 22, 2018
Approval Date: Jul 22, 2018

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Oct 14, 2018

PINS Date:
Public Review Start: Aug 3, 2018
Approval Date: Sep 2, 2018

PINS Date:
Public Review Start: Sep 21, 2018
Approval Date: Nov 15, 2018

ANSI/NSF 42-2014 (i79r2), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2013)
PINS Date:
Public Review Start: May 9, 2014
Approval Date: Oct 16, 2014

ANSI/NSF 42-2014 (i80r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2013)
PINS Date:
Public Review Start: Sep 26, 2014
Approval Date: Nov 3, 2014

ANSI/NSF 42-2015 (i73r5), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2014)
PINS Date:
Public Review Start: Apr 17, 2015
Approval Date: May 19, 2015

ANSI/NSF 42-2015 (i82r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2014)
PINS Date:
Public Review Start: Mar 20, 2015
Approval Date: Apr 19, 2015

ANSI/NSF 42-2015 (i83r2), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2014)
PINS Date:
Public Review Start: May 1, 2015
Approval Date: May 31, 2015

ANSI/NSF 42-2015 (i84), Drinking Water Treatment Systems - Aesthetic Effects (revision of ANSI/NSF 42-2014)
PINS Date:
Public Review Start: Sep 18, 2015
Approval Date: Oct 27, 2015

ANSI/NSF 42-2015 (i85), Drinking Water Treatment Systems - Aesthetic Effects (revision of ANSI/NSF 42-2014)
PINS Date:
Public Review Start: Jul 31, 2015
Approval Date: Sep 21, 2015

ANSI/NSF 42-2016 (i75r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)
PINS Date:
Public Review Start: Jul 15, 2016
Approval Date: Aug 29, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Public Review Start: Jun 22, 2018 Approval Date: Jul 31, 2018

ANSI/NSF 455-1-2018 (i1r2), NSF 455-1 - Terminology for the NSF 455 Portfolio of Standards (new standard)
PINS Date: Mar 17, 2017 Public Review Start: Jul 6, 2018 Approval Date: Aug 20, 2018

ANSI/NSF 455-2-2018 (i1r3), NSF 455-2 - Good Manufacturing Practices for Dietary Supplements (new standard)
PINS Date: Sep 5, 2014 Public Review Start: Oct 5, 2018 Approval Date: Nov 4, 2018

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 6, 2020

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 8, 2020

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 15, 2020

PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 20, 2020

ANSI/NSF 455-3-2018 (i10r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Oct 1, 2018

ANSI/NSF 455-3-2018 (i11r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Oct 1, 2018

ANSI/NSF 455-3-2018 (i12r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Oct 9, 2018

ANSI/NSF 455-3-2018 (i13r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Oct 2, 2018

ANSI/NSF 455-3-2018 (i14r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Oct 2, 2018

ANSI/NSF 455-3-2018 (i1r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (new standard)
PINS Date: Sep 5, 2014 Public Review Start: Jun 15, 2018 Approval Date: Jul 30, 2018

ANSI/NSF 455-3-2018 (i2r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Sep 30, 2018
ANSI/NSF 455-3-2018 (i3r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Sep 30, 2018

ANSI/NSF 455-3-2018 (i4r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Sep 30, 2018

ANSI/NSF 455-3-2018 (i5r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Sep 30, 2018

ANSI/NSF 455-3-2018 (i6r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Sep 30, 2018

ANSI/NSF 455-3-2018 (i7r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Sep 30, 2018

ANSI/NSF 455-3-2018 (i8r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Sep 30, 2018

ANSI/NSF 455-3-2018 (i9r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Sep 30, 2018

ANSI/NSF 455-4-2018 (i10r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Oct 2, 2018

ANSI/NSF 455-3-2019 (i15r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Dec 4, 2019

ANSI/NSF 455-3-2019 (i16r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Dec 4, 2019

ANSI/NSF 455-3-2019 (i18r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Dec 5, 2019

ANSI/NSF 455-3-2019 (i19r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Sep 6, 2019
Approval Date: Dec 5, 2019

ANSI/NSF 455-3-2020 (i21r1), NSF 455-3: Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 20, 2020
ANSI/NSF 455-4-2018 (i11r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Oct 2, 2018

ANSI/NSF 455-4-2018 (i12r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Oct 2, 2018

ANSI/NSF 455-4-2018 (i1r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (new standard)
PINS Date: Public Review Start: Jun 15, 2018 Approval Date: Jul 30, 2018

ANSI/NSF 455-4-2018 (i2r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Sep 30, 2018

ANSI/NSF 455-4-2018 (i3r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Sep 30, 2018

ANSI/NSF 455-4-2018 (i4r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Sep 30, 2018

ANSI/NSF 455-4-2018 (i5r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Sep 30, 2018

ANSI/NSF 455-4-2018 (i6r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Sep 30, 2018

ANSI/NSF 455-4-2018 (i7r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Aug 31, 2018 Approval Date: Sep 30, 2018

ANSI/NSF 455-4-2018 (i8r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 7, 2018

ANSI/NSF 455-4-2018 (i9r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Oct 7, 2018

ANSI/NSF 455-4-2020 (i13r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 10, 2020

ANSI/NSF 455-4-2020 (i14r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 14, 2020

ANSI/NSF 455-4-2020 (i15r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)
PINS Date: Public Review Start: Mar 6, 2020 Approval Date: Apr 14, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:
Public Review Start: Jun 8, 2018
Approval Date: Jul 17, 2018

PINS Date:
Public Review Start: Feb 7, 2020
Approval Date: Mar 10, 2020

ANSI/NSF 49-2014 (i48r7), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)
PINS Date:
Public Review Start: Mar 21, 2014
Approval Date: Oct 17, 2014

ANSI/NSF 49-2014 (i52r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Nov 22, 2013
Approval Date: Oct 17, 2014

ANSI/NSF 49-2014 (i53r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Mar 21, 2014
Approval Date: Oct 17, 2014

ANSI/NSF 49-2014 (i55r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Apr 11, 2014
Approval Date: Oct 17, 2014

ANSI/NSF 49-2014 (i72r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)
PINS Date:
Public Review Start: Sep 26, 2014
Approval Date: Nov 10, 2014

ANSI/NSF 49-2016 (i45r4), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Jul 15, 2016
Approval Date: Aug 29, 2016

ANSI/NSF 49-2016 (i56r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Jul 31, 2015
Approval Date: Jun 17, 2016

ANSI/NSF 49-2016 (i76r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014 and BSR/NSF 49-201x (i76r1))
PINS Date:
Public Review Start: May 13, 2016
Approval Date: Jun 24, 2016

ANSI/NSF 49-2016 (i78r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Jun 10, 2016
Approval Date: Aug 1, 2016

ANSI/NSF 49-2016 (i79r2), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Jul 15, 2016
Approval Date: Aug 14, 2016

ANSI/NSF 49-2016 (i81r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Apr 15, 2016
Approval Date: Jun 1, 2016
ANSI/NSF 49-2016 (i86r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Apr 22, 2016
Approval Date: Jul 1, 2016

ANSI/NSF 49-2016 (i88r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Approval Date: Sep 4, 2016

ANSI/NSF 49-2016 (i90r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Approval Date: Jun 24, 2016

ANSI/NSF 49-2016 (i96r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Sep 16, 2016

ANSI/NSF 49-2017 (i73Br5), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2006 (i11))
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Feb 19, 2017

PINS Date:
Public Review Start: Feb 3, 2017
Approval Date: Mar 5, 2017

ANSI/NSF 49-2018 (i105r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)
PINS Date:
Public Review Start: Dec 29, 2017
Approval Date: Mar 23, 2018

ANSI/NSF 49-2018 (i108r4), NSF 49 - Biosafety Cabinetry (revision of ANSI/NSF 49-2016)
PINS Date:
Public Review Start: Aug 17, 2018
Approval Date: Sep 19, 2018

ANSI/NSF 49-2018 (i109r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)
PINS Date:
Public Review Start: Dec 15, 2017
Approval Date: Mar 16, 2018

ANSI/NSF 49-2018 (i110r3), NSF 49 - Biosafety Cabinetry (revision of ANSI/NSF 49-2016)
PINS Date:
Public Review Start: Jun 29, 2018
Approval Date: Aug 1, 2018

ANSI/NSF 49-2018 (i111r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)
PINS Date:
Public Review Start: Dec 15, 2017
Approval Date: Mar 9, 2018

PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: May 8, 2018

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: May 8, 2018

PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Apr 6, 2018
PINS Date: Public Review Start: Jan 19, 2018 Approval Date: Apr 2, 2018

PINS Date: Public Review Start: Jan 4, 2019 Approval Date: Aug 19, 2019

PINS Date: Public Review Start: Aug 3, 2018 Approval Date: Sep 2, 2018

PINS Date: Public Review Start: Dec 28, 2018 Approval Date: Aug 12, 2019

PINS Date: Public Review Start: Apr 27, 2018 Approval Date: May 28, 2018

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Aug 26, 2019

PINS Date: Public Review Start: May 18, 2018 Approval Date: Jul 17, 2018

PINS Date: Public Review Start: Nov 23, 2018 Approval Date: Aug 5, 2019

PINS Date: Public Review Start: Jun 15, 2018 Approval Date: Jul 17, 2018

PINS Date: Public Review Start: Nov 8, 2019 Approval Date: Dec 8, 2019

PINS Date: Public Review Start: Sep 15, 2017 Approval Date: Mar 2, 2018

PINS Date: Public Review Start: Oct 11, 2019 Approval Date: Nov 11, 2019

PINS Date: Public Review Start: Aug 17, 2018 Approval Date: Sep 18, 2018
PINS Date: 
Public Review Start:  Sep 20, 2019
Approval Date:  Oct 21, 2019

PINS Date: 
Public Review Start:  Jun 21, 2019
Approval Date:  Aug 1, 2019

PINS Date: 
Public Review Start:  Jun 21, 2019
Approval Date:  Sep 2, 2019

PINS Date: 
Public Review Start:  Oct 4, 2019
Approval Date:  Nov 4, 2019

PINS Date: 
Public Review Start:  Dec 6, 2019
Approval Date:  Jan 7, 2020

PINS Date: 
Public Review Start:  Dec 20, 2019
Approval Date:  Feb 3, 2020

PINS Date: 
Public Review Start:  Dec 20, 2019
Approval Date:  Jan 29, 2020

PINS Date: 
Public Review Start:  Nov 22, 2019
Approval Date:  Dec 28, 2019

ANSI/NSF 5-2016 (i5r3), Water heaters, hot water supply boilers, and heat recovery equipment (revision of ANSI/NSF 5-2012)
PINS Date: 
Public Review Start:  Dec 4, 2015
Approval Date:  Jan 26, 2016

ANSI/NSF 5-2019 (i10r1), NSF 5 - Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2016)
PINS Date: 
Public Review Start:  Apr 26, 2019
Approval Date:  May 26, 2019

ANSI/NSF 5-2019 (i9r1), NSF 5 - Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2016)
PINS Date: 
Public Review Start:  Feb 15, 2019
Approval Date:  Mar 17, 2019

ANSI/NSF 50-2015 (i100r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)
PINS Date: 
Public Review Start:  Feb 27, 2015
Approval Date:  Jul 15, 2015

PINS Date: 
Public Review Start:  Jun 26, 2015
Approval Date:  Aug 13, 2015

PINS Date: 
Public Review Start:  Nov 21, 2014
Approval Date:  May 4, 2015
ANSI/NSF 50-2015 (i77r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)
PINS Date: 
Public Review Start: Nov 28, 2014
Approval Date: Jan 26, 2015

PINS Date: 
Public Review Start: Aug 15, 2014
Approval Date: Jan 27, 2015

PINS Date: 
Public Review Start: Aug 15, 2014
Approval Date: Mar 8, 2016

PINS Date: 
Public Review Start: Mar 18, 2016
Approval Date: May 29, 2016

PINS Date: 
Approval Date: Sep 27, 2016

PINS Date: 
Public Review Start: Apr 29, 2016
Approval Date: May 31, 2016

ANSI/NSF 50-2016 (i113r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015 and BSR/NSF 50-201x (i113r1))
PINS Date: 
Public Review Start: Jul 8, 2016
Approval Date: Aug 23, 2016

PINS Date: 
Public Review Start: Jun 3, 2016
Approval Date: Jul 7, 2016

ANSI/NSF 50-2016 (i118r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date: 
Public Review Start: Nov 4, 2016
Approval Date: Dec 30, 2016

ANSI/NSF 50-2016 (i89r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2013)
PINS Date: 
Public Review Start: Aug 15, 2014
Approval Date: Feb 19, 2016

ANSI/NSF 50-2016 (i99r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2013)
PINS Date: 
Public Review Start: Aug 15, 2014
Approval Date: Jul 7, 2016

PINS Date: 
Public Review Start: Jul 1, 2016
Approval Date: Feb 6, 2017
PINS Date:
Public Review Start: Sep 22, 2017
Approval Date: Nov 15, 2017

PINS Date:
Approval Date: Jan 10, 2017

ANSI/NSF 50-2017 (i120r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date:
Public Review Start: Dec 2, 2016
Approval Date: Jul 5, 2017

ANSI/NSF 50-2017 (i121r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date:
Public Review Start: Nov 18, 2016
Approval Date: Jan 17, 2017

ANSI/NSF 50-2017 (i123r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date:
Public Review Start: Dec 2, 2016
Approval Date: Feb 10, 2017

ANSI/NSF 50-2017 (i125r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date:
Public Review Start: May 5, 2017
Approval Date: Jun 4, 2017

PINS Date:
Public Review Start: May 26, 2017
Approval Date: Aug 25, 2017

PINS Date:
Public Review Start: Jun 30, 2017
Approval Date: Aug 31, 2017

ANSI/NSF 50-2017 (i131r1), NSF/ANSI 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date:
Public Review Start: Nov 17, 2017
Approval Date: Dec 19, 2017

PINS Date:
Public Review Start: Jan 26, 2018
Approval Date: Feb 26, 2018

ANSI/NSF 50-2018 (i126r1), NSF/ANSI 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Mar 13, 2018

PINS Date:
Public Review Start: Dec 1, 2017
Approval Date: Feb 23, 2018

ANSI/NSF 50-2018 (i133r1), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)
PINS Date:
Public Review Start: Dec 8, 2017
Approval Date: Feb 27, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/NSF 50-2018 (i134r1)</td>
<td><strong>NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities</strong> (revision of ANSI/NSF 50-2016a)</td>
<td>Public Review Start: Dec 22, 2017</td>
<td>Approval Date: Feb 21, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 50-2018 (i135r1)</td>
<td><strong>NSF/ANSI 50-2016-Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities</strong> (revision of ANSI/NSF 50-2016)</td>
<td>Public Review Start: Nov 24, 2017</td>
<td>Approval Date: Mar 11, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 50-2018 (i135r2)</td>
<td><strong>NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities</strong> (revision of ANSI/NSF 50-2016a)</td>
<td>Public Review Start: Feb 9, 2018</td>
<td>Approval Date: Mar 11, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/NSF 50-2019 (i143r2)</td>
<td><strong>Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities</strong> (revision of ANSI/NSF 50-2017)</td>
<td>Public Review Start: Jan 25, 2019</td>
<td>Approval Date: Jul 18, 2019</td>
<td></td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date: Public Review Start: Feb 1, 2019 Approval Date: Aug 6, 2019

PINS Date: Public Review Start: Mar 1, 2019 Approval Date: Aug 14, 2019

PINS Date: Public Review Start: Mar 15, 2019 Approval Date: Jul 29, 2019

PINS Date: Public Review Start: Dec 14, 2018 Approval Date: Jul 4, 2019

PINS Date: Public Review Start: Nov 16, 2018 Approval Date: Aug 29, 2019

PINS Date: Public Review Start: Feb 8, 2019 Approval Date: Aug 8, 2019

PINS Date: Public Review Start: Apr 5, 2019 Approval Date: Jun 10, 2019

PINS Date: Public Review Start: May 17, 2019 Approval Date: Jun 16, 2019

ANSI/NSF 51-2019 (i15r1), NSF/ANSI 51 Food Equipment Materials (revision of ANSI/NSF 51-2014)
PINS Date: Public Review Start: Sep 8, 2017 Approval Date: Oct 10, 2017

PINS Date: Public Review Start: Apr 20, 2018 Approval Date: May 20, 2018

ANSI/NSF 51-2018 (i14r1), NSF 51 - Food Equipment Materials (revision of ANSI/NSF 51-2014)
PINS Date: Public Review Start: Apr 6, 2018 Approval Date: May 6, 2018

PINS Date: Public Review Start: Feb 1, 2019 Approval Date: Mar 11, 2019

PINS Date: Public Review Start: Apr 26, 2019 Approval Date: May 26, 2019

PINS Date: Public Review Start: May 24, 2019 Approval Date: Jun 25, 2019
ANSI/NSF 52-2017 (i7r1), Supplemental Flooring (revision of ANSI/NSF 52-2012)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Feb 19, 2017

ANSI/NSF 53-2014 (i92), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2013)
PINS Date:
Public Review Start: May 9, 2014
Approval Date: Oct 16, 2014

ANSI/NSF 53-2015 (i100), Drinking Water Treatment Systems - Health Effects (revision of ANSI/NSF 53-2014)
PINS Date:
Public Review Start: Sep 18, 2015
Approval Date: Oct 27, 2015

PINS Date:
Public Review Start: Jul 24, 2015
Approval Date: Aug 27, 2015

ANSI/NSF 53-2015 (i85r5), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2014)
PINS Date:
Public Review Start: Apr 17, 2015
Approval Date: May 17, 2015

ANSI/NSF 53-2015 (i98r1), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2014)
PINS Date:
Public Review Start: Mar 20, 2015
Approval Date: Apr 19, 2015

ANSI/NSF 53-2015 (i99r2), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2014)
PINS Date:
Public Review Start: Mar 27, 2015
Approval Date: Apr 26, 2015

ANSI/NSF 53-2016 (i104r1), NSF 53-2016 - Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)
PINS Date:
Approval Date: Sep 19, 2016

ANSI/NSF 53-2016 (i87r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)
PINS Date:
Public Review Start: Jul 15, 2016
Approval Date: Aug 29, 2016

ANSI/NSF 53-2017 (i103r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)
PINS Date:
Public Review Start: Jul 22, 2016
Approval Date: Apr 26, 2017

ANSI/NSF 53-2017 (i106r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2016)
PINS Date:
Public Review Start: May 12, 2017
Approval Date: Jun 13, 2017

PINS Date:
Public Review Start: Sep 8, 2017
Approval Date: Oct 27, 2017

ANSI/NSF 53-2018 (i108r2), NSF 53- Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53 -2016)
PINS Date:
Public Review Start: Dec 22, 2017
Approval Date: Jan 31, 2018

PINS Date:
Public Review Start: Jun 15, 2018
Approval Date: Jul 15, 2018
<table>
<thead>
<tr>
<th>ANSI/NSF Standard</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>

ANSI/NSF 55-2014 (i38r1), *Ultraviolet Microbiological Water Treatment Systems* (revision of ANSI/NSF 55-2013)  
PINS Date:  
Public Review Start:  Sep 19, 2014  
Approval Date:  Oct 19, 2015  

ANSI/NSF 55-2015 (i40r2), *Ultraviolet Microbiological Water Treatment System* (revision of ANSI/NSF 55-2014)  
PINS Date:  
Public Review Start:  Mar 27, 2015  
Approval Date:  Apr 26, 2015  

ANSI/NSF 55-2016 (i42r1), *NSF 55-2016 - Ultraviolet Microbiological Water Treatment Systems* (revision of ANSI/NSF 55-2015)  
PINS Date:  
Approval Date:  Sep 19, 2016  

ANSI/NSF 55-2017 (i43r1), *Ultraviolet Microbiological Water Treatment Systems* (revision of ANSI/NSF 55-2016)  
PINS Date:  
Public Review Start:  May 12, 2017  
Approval Date:  Jun 13, 2017  

PINS Date:  
Public Review Start:  Sep 8, 2017  
Approval Date:  Oct 27, 2017  

PINS Date:  
Public Review Start:  Jun 22, 2018  
Approval Date:  Jul 31, 2018  

*Approved American National Standards*

The data in this document is reported as of Monday, June 15, 2020

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 821
<table>
<thead>
<tr>
<th>ANSI/NSF Standard</th>
<th>Revision</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:
Public Review Start: Jun 22, 2018
Approval Date: Jul 31, 2018

PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Nov 19, 2018

PINS Date:
Public Review Start: Jul 27, 2018
Approval Date: Mar 7, 2019

PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: May 6, 2019

PINS Date:
Public Review Start: Nov 15, 2019
Approval Date: Apr 30, 2020

PINS Date:
Approval Date: Jan 4, 2017

PINS Date:
Public Review Start: Apr 26, 2019
Approval Date: May 4, 2020

ANSI/NSF 6-2014 (i10r2), Dispensing Freezers (revision of ANSI/NSF 6-2012)
PINS Date:
Approval Date: Nov 13, 2014

ANSI/NSF 6-2016 (i11r3), Dispensing Freezers (revision of ANSI/NSF 6-2014 (i10r1))
PINS Date:
Public Review Start: Feb 12, 2016
Approval Date: Mar 28, 2016

ANSI/NSF 6-2018 (i13r2), NSF/ANSI 6 - Dispensing Freezers (revision of ANSI/NSF 6-2016)
PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Jun 25, 2018

ANSI/NSF 6-2018 (i14r3), NSF 6 - Dispensing Freezers (revision of ANSI/NSF 6-2016)
PINS Date:
Public Review Start: Nov 2, 2018
Approval Date: Dec 3, 2018

ANSI/NSF 60-2014 (i64r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013)
PINS Date:
Approval Date: Nov 17, 2014

ANSI/NSF 60-2014 (i65r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013)
PINS Date:
Approval Date: Nov 17, 2014

ANSI/NSF 60-2015 (i68r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2014a)
PINS Date:
Public Review Start: May 22, 2015
Approval Date: Oct 6, 2015
ANSI/NSF 60-2015 (i69), Drinking Water Treatment Chemicals: Health Effects (revision of ANSI/NSF 60-2014a)
PINS Date: 
Public Review Start: Sep 18, 2015 
Approval Date: Nov 3, 2015

ANSI/NSF 60-2016 (i66r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015) 
PINS Date: 
Approval Date: Mar 6, 2016

ANSI/NSF 60-2016 (i70r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2014a) 
PINS Date: 
Public Review Start: Nov 13, 2015 
Approval Date: Aug 10, 2016

ANSI/NSF 60-2016 (i71r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2014a) 
PINS Date: 
Public Review Start: Nov 13, 2015 
Approval Date: Aug 9, 2016

ANSI/NSF 60-2016 (i72r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015) 
PINS Date: 
Public Review Start: Feb 12, 2016 
Approval Date: Mar 11, 2016

ANSI/NSF 60-2016 (i73r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015) 
PINS Date: 
Public Review Start: Feb 12, 2016 
Approval Date: Mar 28, 2016

ANSI/NSF 60-2016 (i74r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015) 
PINS Date: 
Public Review Start: Apr 1, 2016 
Approval Date: May 1, 2016

ANSI/NSF 60-2016 (i75r1), NSF 60-2015 - Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015) 
PINS Date: 
Public Review Start: Jul 22, 2016 
Approval Date: Oct 12, 2016

ANSI/NSF 60-2017 (i76r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2016) 
PINS Date: 
Public Review Start: Mar 24, 2017 
Approval Date: Apr 26, 2017

ANSI/NSF 60-2017 (i77r1), NSF 60-2016 - Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2016) 
PINS Date: 
Public Review Start: Aug 4, 2017 
Approval Date: Oct 12, 2017

ANSI/NSF 60-2017 (i78r1), NSF 60 - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF 60-2016) 
PINS Date: 
Public Review Start: Sep 8, 2017 
Approval Date: Oct 23, 2017

PINS Date: 
Public Review Start: Oct 26, 2018 
Approval Date: Dec 14, 2018

ANSI/NSF 61-2014 (i109r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013 and BSR/NSF 61-201x (i109r1)) 
PINS Date: 
Public Review Start: Sep 19, 2014 
Approval Date: Oct 19, 2014

ANSI/NSF 61-2014 (i115r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013) 
PINS Date: 
Approval Date: Nov 17, 2014
Approved American National Standards

ANSI/NSF 61-2014a (i119r1), *Drinking Water System Components - Health Effects* (revision of ANSI/NSF 61 -2014)
PINS Date:
Public Review Start:  Nov 14, 2014
Approval Date:  Feb 4, 2015

PINS Date:
Public Review Start:  Jul 25, 2014
Approval Date:  Jan 7, 2015

PINS Date:
Public Review Start:  Jul 3, 2015
Approval Date:  Aug 2, 2015

PINS Date:
Public Review Start:  Sep 25, 2015
Approval Date:  Nov 2, 2015

PINS Date:
Public Review Start:  Jul 31, 2015
Approval Date:  Sep 3, 2015

PINS Date:
Public Review Start:  Jul 31, 2015
Approval Date:  Sep 3, 2015

PINS Date:
Public Review Start:  Sep 18, 2015
Approval Date:  Nov 3, 2015

PINS Date:
Public Review Start:  Mar 28, 2014
Approval Date:  Aug 17, 2016

PINS Date:
Approval Date:  Mar 6, 2016

ANSI/NSF 61-2016 (i128), *Drinking Water System Components: Health Effects* (revision of ANSI/NSF 61 -2014a)
PINS Date:
Approval Date:  Jan 5, 2016

ANSI/NSF 61-2016 (i129), *Drinking Water System Components: Health effects* (revision of ANSI/NSF 61 -2015 (i125))
PINS Date:
Public Review Start:  Nov 6, 2015
Approval Date:  Jan 6, 2016

PINS Date:
Public Review Start:  Dec 4, 2015
Approval Date:  Jan 18, 2016

PINS Date:
Public Review Start:  May 13, 2016
Approval Date:  Jun 12, 2016
PINS Date: 
Public Review Start: May 13, 2016
Approval Date: Jun 27, 2016

PINS Date: 
Public Review Start: Jul 22, 2016
Approval Date: Oct 12, 2016

ANSI/NSF 61-2016 (i127r2), *Drinking Water System Components - Health Effects* (revision of ANSI/NSF 61-2016)
PINS Date: 
Public Review Start: Jan 27, 2017
Approval Date: Mar 13, 2017

PINS Date: 
Approval Date: Jun 22, 2017

PINS Date: 
Public Review Start: Jun 2, 2017
Approval Date: Jul 7, 2017

PINS Date: 
Public Review Start: Jun 2, 2017
Approval Date: Jul 8, 2017

ANSI/NSF 61-2017 (i137r1), NSF 61-2016 - *Drinking Water System Components - Health effects* (revision of ANSI/NSF 61-2016)
PINS Date: 
Public Review Start: Jul 7, 2017
Approval Date: Oct 23, 2017

ANSI/NSF 61-2017 (i137r2), NSF 61-2016 - *Drinking Water System Components - Health effects* (revision of ANSI/NSF 61-2016)
PINS Date: 
Public Review Start: Aug 25, 2017
Approval Date: Oct 23, 2017

ANSI/NSF 61-2017 (i138r1), NSF 61 - *Drinking Water System Components - Health effects* (revision of ANSI/NSF 61-2016)
PINS Date: 
Public Review Start: Sep 8, 2017
Approval Date: Oct 23, 2017

PINS Date: 
Public Review Start: Jan 26, 2018
Approval Date: Feb 28, 2018

PINS Date: 
Public Review Start: Feb 2, 2018
Approval Date: Mar 6, 2018

PINS Date: 
Public Review Start: Oct 26, 2018
Approval Date: Dec 10, 2018

PINS Date: 
Public Review Start: May 9, 2014
Approval Date: Oct 16, 2014

PINS Date: 
Public Review Start: Sep 26, 2014
Approval Date: Nov 3, 2014
PINS Date:
Public Review Start: Mar 27, 2015
Approval Date: Apr 26, 2015

PINS Date:
Public Review Start: Jul 13, 2018
Approval Date: Aug 13, 2018

PINS Date:
Public Review Start: Sep 18, 2015
Approval Date: Oct 27, 2015

PINS Date:
Public Review Start: Aug 16, 2019
Approval Date: Sep 19, 2019

PINS Date:
Approval Date: Apr 6, 2016

PINS Date:
Public Review Start: Nov 15, 2019
Approval Date: Apr 30, 2020

PINS Date:
Approval Date: Sep 19, 2016

ANSI/NSF 7-2016 (i13r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)
PINS Date:
Public Review Start: Nov 13, 2015
Approval Date: May 4, 2016

PINS Date:
Public Review Start: Jul 15, 2016
Approval Date: Aug 29, 2016

ANSI/NSF 7-2016 (i10r5), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)
PINS Date:
Public Review Start: Jul 1, 2016
Approval Date: Jul 31, 2016

PINS Date:
Public Review Start: May 12, 2017
Approval Date: Jun 13, 2017

ANSI/NSF 7-2016 (i15r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)
PINS Date:
Public Review Start: Jan 22, 2016
Approval Date: Jul 7, 2016

PINS Date:
Public Review Start: Jul 7, 2017
Approval Date: Aug 7, 2017

ANSI/NSF 7-2016 (i9r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)
PINS Date:
Approval Date: May 6, 2016

PINS Date:
Public Review Start: Sep 8, 2017
Approval Date: Oct 27, 2017

ANSI/NSF 7-2019 (i20r3), NSF 7 - Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2016)
PINS Date:
Public Review Start: Jun 14, 2019
Approval Date: Oct 9, 2019
Approved American National Standards

ANSI/NSF 7-2019 (i21r2), NSF 7 - Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2016)
PINS Date:
Public Review Start: Dec 21, 2018
Approval Date: Oct 17, 2019

ANSI/NSF 7-2019 (i22r1), NSF 7 - Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2016)
PINS Date:
Public Review Start: Apr 5, 2019
Approval Date: Oct 18, 2019

ANSI/NSF 8-2017 (i12r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2007 (i6))
PINS Date:
Approval Date: Feb 9, 2017

ANSI/NSF 8-2018 (i11r1), NSF 8 - 2012 - Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2012)
PINS Date:
Public Review Start: Dec 16, 2016
Approval Date: Jan 12, 2018

ANSI/NSF 8-2018 (i13r1), NSF 8-2012-Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2012)
PINS Date:
Public Review Start: Nov 17, 2017
Approval Date: Jan 30, 2018

ANSI/NSF/AWWA 375-2020 (i2r1), NSF/AWWA 375 – Sustainability Assessment for Water Contact Products (revision and redesignation of ANSI/NSF 375-2016)
PINS Date:
Public Review Start: Jan 24, 2020
Approval Date: Feb 25, 2020

PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Nov 19, 2019

ANSI/NSF/CAN 60-2019 (i80r1), NSF 60 - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF 60-2018)
PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: Jun 18, 2019

ANSI/NSF/CAN 60-2019 (i81r1), NSF/CAN 60 - Drinking Water Treatment Chemicals – Health Effects (revision and redesignation of ANSI/NSF 60-2018)
PINS Date:
Public Review Start: Jun 7, 2019
Approval Date: Sep 4, 2019

ANSI/NSF/CAN 60-2019 (i82r1), Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2018)
PINS Date:
Public Review Start: Jun 14, 2019
Approval Date: Jul 28, 2019

ANSI/NSF/CAN 60-2019 (i83r1), NSF/CAN 60 - Drinking Water Treatment Chemicals – Health Effects (revision and redesignation of ANSI/NSF 60-2018)
PINS Date:
Public Review Start: May 10, 2019
Approval Date: Jun 23, 2019

ANSI/NSF/CAN 60-2019 (i84r1), NSF 60: Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2018)
PINS Date:
Public Review Start: Feb 22, 2019
Approval Date: Jun 20, 2019

ANSI/NSF/CAN 60-2020 (i85r1), NSF 60 - Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60-2019)
PINS Date:
Public Review Start: Feb 21, 2020
Approval Date: Apr 27, 2020

PINS Date:
Public Review Start: Apr 3, 2020
Approval Date: May 26, 2020
PINS Date: 
Public Review Start: Apr 3, 2020
Approval Date: May 27, 2020

PINS Date:
Public Review Start: Apr 10, 2020
Approval Date: May 28, 2020

PINS Date:
Public Review Start: Apr 10, 2020
Approval Date: Jun 3, 2020

ANSI/NSF/CAN 600-2018 (i1r1), *NSF 600 - Health Effects Evaluation and Criteria for Chemicals in Drinking Water* (new standard)
PINS Date: Jun 1, 2018
Public Review Start: Aug 31, 2018
Approval Date: Oct 15, 2018

PINS Date:
Public Review Start: Nov 16, 2018
Approval Date: Dec 31, 2018

PINS Date:
Public Review Start: Apr 26, 2019
Approval Date: Jun 15, 2019

PINS Date:
Public Review Start: Apr 19, 2019
Approval Date: Jun 6, 2019

PINS Date:
Public Review Start: Jun 14, 2019
Approval Date: Jul 30, 2019

PINS Date:
Public Review Start: Mar 29, 2019
Approval Date: Jun 24, 2019

PINS Date:
Public Review Start: May 31, 2019
Approval Date: Sep 11, 2019

PINS Date:
Public Review Start: May 10, 2019
Approval Date: Jun 25, 2019

PINS Date:
Public Review Start: May 31, 2019
Approval Date: Jul 21, 2019

PINS Date:
Public Review Start: Mar 8, 2019
Approval Date: Jun 12, 2019

PINS Date:
Public Review Start: Jun 14, 2019
Approval Date: Aug 30, 2019
PINS Date: 
Public Review Start: Apr 12, 2019
Approval Date: Jun 13, 2019

PINS Date: 
Public Review Start: Jun 14, 2019
Approval Date: Jul 31, 2019

PINS Date: 
Public Review Start: Nov 29, 2019
Approval Date: May 29, 2020

PINS Date: 
Public Review Start: Mar 27, 2020
Approval Date: Jun 1, 2020

PINS Date: 
Public Review Start: Mar 20, 2020
Approval Date: Jun 2, 2020

ANSI/NSF/IPEC 363-2014 (i1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (new standard)
PINS Date: 
Approval Date: Nov 17, 2014

ANSI/NSF/IPEC 363-2019 (i14r1), Good Manufacturing Practices(GMP) for Pharmaceutical Excipients (revision of ANSI/NSF/IPEC 363-2014)
PINS Date: 
Public Review Start: Jul 5, 2019
 Approval Date: Sep 20, 2019

PINS Date: Jan 26, 2001
Public Review Start: May 18, 2001
Approval Date: Aug 3, 2001
ISO Adoption

PINS Date: Jan 26, 2001
Public Review Start: May 18, 2001
Approval Date: Aug 3, 2001
ISO Adoption

PINS Date: Jan 26, 2001
Public Review Start: May 18, 2001
Approval Date: Aug 3, 2001
ISO Adoption

NW&RA (ASC Z245) (National Waste & Recycling Association)
www.wasterecycling.org

PINS Date: 
Public Review Start: May 22, 2015
Approval Date: Jan 9, 2017

ANSI Z245.2-2013, Stationary Compactors - Safety Requirements for Installation, Maintenance, Operation, Modification and Repair (revision of ANSI Z245.2-2008)
PINS Date: Aug 15, 2008
Public Review Start: Jun 21, 2013
Approval Date: Dec 4, 2013
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI Z245.21-2013, Equipment Technology and Operations for Wastes and Recyclable Materials - Stationary Compactors -- Safety Requirements for Installation, Maintenance and Operation (revision of ANSI Z245.21-2008)
PINS Date: Apr 6, 2012
Public Review Start: Mar 1, 2013
Approval Date: May 1, 2013

ANSI Z245.30-2018, Waste Containers - Safety Requirements (new standard)
PINS Date: Jul 13, 2012
Public Review Start: Aug 11, 2017
Approval Date: Jul 19, 2018

PINS Date: Jun 14, 2013
Public Review Start: Jul 24, 2015
Approval Date: Oct 6, 2015

PINS Date: Aug 15, 2008
Public Review Start: Nov 11, 2011
Approval Date: Mar 27, 2012

ANSI Z245.5-2013, Equipment Technology and Operations for Wastes and Recyclable Materials - Baling Equipment -- Safety Requirements for Installation, Maintenance and Operation (revision of ANSI Z245.5-2008)
PINS Date: Aug 15, 2008
Public Review Start: Mar 1, 2013
Approval Date: May 1, 2013

PINS Date: Aug 15, 2008
Public Review Start: Mar 1, 2013
Approval Date: May 1, 2013

ANSI Z245.60-2018, Waste Containers - Compatibility Dimensions (new standard)
PINS Date: Jul 13, 2012
Public Review Start: Aug 11, 2017
Approval Date: Jul 19, 2018

OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)
www.optstd.org

PINS Date: Jan 16, 2015
Public Review Start: Mar 24, 2017
Approval Date: Jun 19, 2017

ANSI OEOSC OP1.007-2020, Optics and Electro-Optical Instruments— Optical Elements and Assemblies— Infrared Spectral Bands (new standard)
PINS Date: Mar 1, 2013
Public Review Start: Sep 20, 2019
Approval Date: Feb 24, 2020

PINS Date: Jul 9, 2010
Public Review Start: Jul 30, 2010
Approval Date: Aug 8, 2011
ISO Adoption

ANSI/OEOSC OP1.0110-10-2014, Standard for Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part:10 Table representing data of optical elements and cemented assemblies (national adoption with modifications of ISO 10110-10)
PINS Date: Jul 9, 2010
Approval Date: Dec 18, 2014
ISO Adoption
Approved American National Standards

ANSI/OEOSC OP1.0110-12-2014, Optics and Electro-Optical Instruments - Preparation of Drawings for Optical Elements and Systems - Part 12: Aspheric Surfaces
(national adoption with modifications of ISO 10110-12)
PINS Date: Jul 9, 2010
Public Review Start: Feb 8, 2013
Approval Date: Oct 31, 2014
ISO Adoption

ANSI/OEOSC OP1.0110-5-2015, Standard for Optics and Photonics - Preparation of Drawings for Optical Elements and Systems - Part 5: Surface Form Tolerances
(national adoption with modifications of ISO 10110-5:2007)
PINS Date: Jun 24, 2011
Public Review Start: Jan 3, 2014
Approval Date: Dec 30, 2015
ISO Adoption

ANSI/OEOSC OP1.0110-8-2014, American National Standard for Optics and Electro-Optical Instruments - Preparation of Drawings for Optical Elements and Systems - Part 8: Surface Texture; Roughness and Waviness
(identical national adoption of ISO 10110-8:2010)
PINS Date: Jun 24, 2011
Public Review Start: Jan 3, 2014
Approval Date: Dec 18, 2014
ISO Adoption

ANSI/OEOSC OP1.0110-9-2015, Standard for Optics and Photonics - Preparation of Drawings for Optical Elements and Systems - Part 9: Surface treatment and coatings
(national adoption with modifications of ISO 10110-9)
PINS Date: Jun 24, 2011
Public Review Start: Mar 28, 2014
Approval Date: Dec 30, 2015
ISO Adoption

ANSI/OEOSC OP1.9211-4-2014, Standard for Optics and Photonics - Optical Coatings - Part 4: Specific Test Methods
(national adoption with modifications of ISO 9211-4)
PINS Date: Jan 18, 2013
Public Review Start: Jan 3, 2014
Approval Date: Dec 18, 2014
ISO Adoption

ANSI/OEOSC OP3.001-2001 (R2014), Standard For Optics and Electro-Optical Instruments - Optical Glass
(reaffirmation of ANSI/OEOSC OP3.001-2001 (R2008))
PINS Date: Public Review Start: Jan 3, 2014
Approval Date: Dec 17, 2014

OPEI (Outdoor Power Equipment Institute)
www.opei.org

(revision and redesignation of ANSI/NGCMA Z135-2004)
PINS Date: Aug 31, 2007
Public Review Start: Dec 2, 2011
Approval Date: Mar 27, 2012

(national adoption with modifications of IEC 60335-2-107)
PINS Date: Aug 16, 2013
Public Review Start: Jun 7, 2019
Approval Date: Sep 5, 2019
IEC Adoption

ANSI/OPEI B175.1-2012, Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Chain Saws - Safety and Environmental Requirements
(new standard)
PINS Date: Jun 2, 2006
Public Review Start: Mar 16, 2012
Approval Date: May 23, 2012

ANSI/OPEI B175.1-2012/A1-2014, Internal Combustion Engine-Powered Handheld Chain Saws - Safety and Environmental Requirements - Amendment 1
(addenda to ANSI/OPEI B175.1-2012)
PINS Date: Jun 7, 2013
Public Review Start: Dec 20, 2013
Approval Date: Jun 16, 2014

ANSI/OPEI B175.2-2012 (R2019), Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Backpack Blowers and Blower-Vacuums - Safety Requirements and Performance Testing Procedures
(reaffirmation of ANSI/OPEI B175.2-2012, ANSI/OPEI B175.2-2012/A1-2013)
PINS Date: Mar 7, 2014
Public Review Start: Feb 15, 2019
Approval Date: Sep 9, 2019
ANSI/OPEI B175.3-2019, (Standard) for Outdoor Power Equipment Internal Combustion Engine-Powered Hand-Held Grass Trimmers and Brushcutters - Safety and Environmental Requirements (revision of ANSI/OPEI B175.3-2013)
PINS Date: Mar 7, 2014
Public Review Start: Aug 2, 2019
Approval Date: Dec 5, 2019

ANSI/OPEI B175.4-2018, Standard for Outdoor Power Equipment - Portable, Handheld, Internal Combustion Engine-Powered Cut-off Machines - Safety and Environmental Requirements (revision of ANSI/OPEI B175.4-2013)
PINS Date: Mar 7, 2014
Public Review Start: Jun 1, 2018
Approval Date: Aug 13, 2018

ANSI/OPEI B175.6-2018, Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Hedge Trimmers - Safety and Environmental Requirements (new standard)
PINS Date: Feb 22, 2013
Public Review Start: Mar 30, 2018
Approval Date: May 24, 2018

ANSI/OPEI B175.7-2019, (Standard) for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Pole Mounted Pruners - Safety and Environmental Requirements (new standard)
PINS Date: Feb 22, 2013
Public Review Start: Mar 8, 2019
Approval Date: May 14, 2019

PINS Date:
Public Review Start: May 20, 2016
Approval Date: Jan 24, 2017

PINS Date: Jan 31, 2014
Public Review Start: Mar 16, 2018
Approval Date: Aug 10, 2018

ANSI/OPEI B71.3-2014, Snow Throwers - Safety Specifications (revision of ANSI B71.3-2005)
PINS Date: Feb 3, 2012
Public Review Start: May 30, 2014
Approval Date: Aug 14, 2014

ANSI/OPEI B71.4-2017, Commercial Turf Care Equipment - Safety Specifications (revision of ANSI/OPEI B71.4-2012)
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Jan 24, 2017

ANSI/OPEI B71.7-2018, Powered Consumer Ram-Type Log Splitters - Safety Specifications (new standard)
PINS Date: May 11, 2012
Public Review Start: Dec 15, 2017
Approval Date: Aug 8, 2018

ANSI/OPEI B71.8-2016, Powered Walk-Behind Rotary Tillers and Hand-Supported Cultivators - Safety Specifications (revision of ANSI/OPEI B71.8-1996 (R2005))
PINS Date: Feb 3, 2012
Public Review Start: Jul 10, 2015
Approval Date: Jan 13, 2016

ANSI/OPEI B71.9-2016, Multipurpose Off-Highway Utility Vehicles (revision of ANSI/OPEI B71.9-2012)
PINS Date: Mar 29, 2013
Approval Date: May 13, 2016

ANSI/OPEI Z130.1-2020, (Standard) for Golf Cars - Safety and Performance Specifications (revision and redesignation of ANSI/ILTVA Z130.1-2012)
PINS Date: Feb 26, 2016
Public Review Start: Dec 13, 2019
Approval Date: May 15, 2020

PCI (Precast/Prestressed Concrete Institute)
www pci org

ANSI/PCI 128-2019, Specification for Glass-Fiber-Reinforced Concrete Panels (new standard)
PINS Date: Jun 16, 2017
Public Review Start: Nov 23, 2018
Approval Date: May 21, 2019
PDA (Parenteral Drug Association)  
www.pda.org

ANSI/PDA Standard 001-2020,  Enhanced Purchasing Controls to Support the Bio-Pharmaceutical, Pharmaceutical, Medical Devices and Combination Products Industries (new standard)  
PINS Date:  Jun 15, 2018  
Public Review Start:  Sep 20, 2019  
Approval Date:  Mar 13, 2020

PEARL (Professional Electrical Apparatus Recyclers League)  
www.pearl1.org

PINS Date:  Feb 14, 2014  
Public Review Start:  Sep 8, 2017  
Approval Date:  Sep 25, 2018

PGMA (Portable Generator Manufacturers Association)  
www.pgmaonline.com

PINS Date:  Sep 30, 2016  
Public Review Start:  Jan 5, 2018  
Approval Date:  Apr 20, 2018

PHTA (Pool and Hot Tub Alliance)  
www.PHTA.org

ANSI/APSP 1-2013, Standard for Public Swimming Pools (new standard)  
PINS Date:  Sep 14, 2012  
Public Review Start:  Apr 12, 2013  
Approval Date:  Aug 28, 2013

ANSI/APSP 3-2013, Standard for Permanently Installed Residential Spas and Swim Spas (new standard)  
PINS Date:  Jan 16, 2009  
Public Review Start:  Oct 18, 2013  
Approval Date:  Dec 20, 2013

ANSI/APSP 4 Addenda-2013, Standard for Aboveground/Onground Residential Swimming Pools (addenda to ANSI/APSP 4-2012)  
PINS Date:  
Public Review Start:  May 3, 2013  
Approval Date:  Aug 21, 2013

ANSI/APSP 4-2012, Standard for Aboveground/Onground Residential Swimming Pools (revision of ANSI/APSP 4-2007)  
PINS Date:  
Public Review Start:  May 11, 2012  
Approval Date:  Jul 16, 2012

PINS Date:  
Public Review Start:  Jul 13, 2012  
Approval Date:  Aug 27, 2012

ANSI/APSP 6-2013, Standard for Residential Portable Spas and Swim Spas (new standard)  
PINS Date:  Jan 16, 2009  
Public Review Start:  Jul 6, 2012  
Approval Date:  Jan 29, 2013

ANSI/APSP 7-2013, Standard for Suction Entrapment Avoidance in Recreational Aquatic Vessels (revision of ANSI/APSP 7-2006)  
PINS Date:  
Public Review Start:  Apr 26, 2013  
Approval Date:  Aug 26, 2013

PINS Date:  Aug 3, 2012  
Public Review Start:  Feb 8, 2013  
Approval Date:  Apr 2, 2013
Approved American National Standards

PINS Date: Feb 27, 2015
Public Review Start: May 12, 2017
Approval Date: Nov 7, 2018

PINS Date: Jul 12, 2013
Public Review Start: Sep 2, 2016
Approval Date: Jan 6, 2017

PINS Date: Jul 11, 2014
Public Review Start: Aug 1, 2014
Approval Date: Sep 12, 2014

PINS Date: Jan 4, 2019
Public Review Start: Aug 23, 2019
Approval Date: Nov 19, 2019

PINS Date: Mar 17, 2017
Public Review Start: May 12, 2017
Approval Date: Aug 18, 2017

PINS Date: Nov 2, 2012
Approval Date: Jan 9, 2013

PINS Date: May 1, 2009
Public Review Start: Feb 25, 2011
Approval Date: Aug 11, 2011

PINS Date: Aug 1, 2014
Public Review Start: Jul 10, 2015
Approval Date: Nov 3, 2015

PINS Date: Jan 4, 2019
Public Review Start: Mar 22, 2019
Approval Date: May 10, 2019

PLASTICS (Plastics Industry Association)
www.plasticsindustry.org

PINS Date: Feb 10, 2012
Public Review Start: Nov 18, 2016
Approval Date: Jan 6, 2017

ANSI/PLASTICS B151.20-2013 (R2018), Safety Requirements for Plastic Sheet Production Machinery (reaffirmation and redesignation of ANSI/SPI B151.20-2013)
PINS Date:
Public Review Start: Oct 12, 2018
Approval Date: Feb 27, 2019

ANSI/PLASTICS B151.5-2020, Safety Requirements for Plastic Film and Sheet Winding and Unwinding Machinery (new standard)
PINS Date: Jul 20, 2018
Public Review Start: Feb 15, 2019
Approval Date: Mar 5, 2020

ANSI/SPI B151.27-2013, Safety Requirements for the Integration of Robots with Injection Molding Machines (revision of ANSI/SPI B151.27-2003)
PINS Date: Apr 13, 2012
Public Review Start: Jul 26, 2013
Approval Date: Sep 30, 2013
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/SPI B151.31-2014, Safety Requirements for the Manufacture and Use of Blow Molding Machines (new standard)
PINS Date: Mar 2, 2012
Public Review Start: May 17, 2013
Approval Date: Feb 26, 2014

ANSI/SPI B151.7-2013, Safety Requirements for Extrusion Machines (new standard)
PINS Date: Mar 2, 2012
Public Review Start: Nov 15, 2013
Approval Date: Jan 27, 2014

PLATO (Portable Lights American Trade Organization)
www.plato-usa.org

ANSI/PLATO FL 1-2019, Flashlight Basic Performance Standard (revision of ANSI/PLATO FL 1-2016)
PINS Date: Feb 23, 2018
Public Review Start: Jul 19, 2019
Approval Date: Sep 23, 2019

PMI (Organization) (Project Management Institute)
www.pmi.org

PINS Date: Feb 6, 2015
Public Review Start: May 5, 2017
Approval Date: Jul 21, 2017

PINS Date: Oct 30, 2015
Public Review Start: Sep 13, 2019
Approval Date: Oct 29, 2019

PINS Date: Aug 1, 2014
Approval Date: Mar 21, 2017

PINS Date: Apr 3, 2015
Public Review Start: Aug 11, 2017
Approval Date: Oct 18, 2017

ANSI/PMI-17-005-2017, The Standard for Business Analysis (new standard)
PINS Date: Oct 14, 2016
Public Review Start: Aug 11, 2017
Approval Date: Oct 30, 2017

PMMI (Organization) (PMMI - The Association for Packaging and Processing Technologies)
www.pmmi.org

ANSI/PMMI B155.1-2016, Safety Requirements for Packaging and Processing Machinery (revision of ANSI/PMMI B155.1-2011)
PINS Date: Nov 6, 2015
Public Review Start: Nov 9, 2018
Approval Date: Nov 18, 2016

PRCA (Professional Ropes Course Association)
www.prcainfo.org

ANSI/PRCA 1.0-3-2014, Ropes Challenge Course Installation, Operation & Training Standards (new standard)
PINS Date: Dec 23, 2005
Approval Date: Mar 3, 2014

PSAI (Portable Sanitation Association International)
www.psaai.org

PINS Date: Dec 13, 2013
Public Review Start: Jun 27, 2014
Approval Date: May 19, 2016
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Dec 13, 2013
Public Review Start: Jan 29, 2016
Approval Date: May 19, 2016

ANSI/PSAI Z4.4-2016, Sanitation in Fields and Temporary Labor Camps: Minimum Requirements (new standard)
PINS Date: Dec 13, 2013
Public Review Start: Jan 29, 2016
Approval Date: May 19, 2016

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)
www.resna.org

PINS Date: Aug 19, 2016
Public Review Start: Aug 10, 2018
Approval Date: Nov 5, 2019

PINS Date: May 26, 2017
Public Review Start: Nov 24, 2017
Approval Date: May 4, 2018

PINS Date: Aug 19, 2016
Public Review Start: Aug 10, 2018
Approval Date: Oct 19, 2018

PINS Date: Jan 25, 2019
Public Review Start: Mar 29, 2019
Approval Date: Jun 3, 2019

PINS Date: May 12, 2017
Public Review Start: Aug 10, 2018
Approval Date: Oct 4, 2018

PINS Date: Jun 9, 2017
Public Review Start: Jul 13, 2018
Approval Date: Feb 15, 2019

PINS Date: Sep 21, 2012
Public Review Start: Feb 8, 2019
Approval Date: Jun 5, 2019
ISO Adoption

PINS Date: Sep 21, 2012
Public Review Start: Feb 8, 2019
Approval Date: Jun 5, 2019
ISO Adoption

PINS Date: Feb 7, 2014
Public Review Start: Aug 10, 2018
Approval Date: Jan 16, 2019
ISO Adoption

PINS Date: Apr 5, 2013
Public Review Start: May 5, 2017
Approval Date: Nov 27, 2017
ISO Adoption
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date: Public Review Start: Nov 10, 2017 Approval Date: Jan 24, 2018

ANSI/RESNET/ICC 301-2018 Addendum L-2018, Duct Leakage to Outside Test Exception (addenda to ANSI/RESNET/ICC 301-2014)
PINS Date: Public Review Start: Aug 24, 2018 Approval Date: Dec 3, 2018

PINS Date: Public Review Start: Jun 21, 2019 Approval Date: Aug 19, 2019

PINS Date: Public Review Start: Aug 10, 2012 Approval Date: Feb 4, 2016

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Sep 12, 2017

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Nov 20, 2018

PINS Date: Public Review Start: Jul 26, 2019 Approval Date: Mar 23, 2020

RIA (Robotic Industries Association)
www.robotics.org

PINS Date: Dec 11, 2009 Public Review Start: Jul 20, 2012 Approval Date: Mar 28, 2013 ISO Adoption

RIC (Remanufacturing Industries Council)
www.remancouncil.org

ANSI/RIC 001.1-2016, Specifications for the Process of Remanufacturing (new standard)
PINS Date: Jul 25, 2014 Public Review Start: Dec 2, 2016 Approval Date: Feb 2, 2017

ROHVA (Recreational Off-Highway Vehicle Association)

ANSI/ROHVA 1-2016, Standard for Recreational Off-Highway Vehicles (revision of ANSI/ROHVA 1-2014)
PINS Date: Jun 19, 2015 Public Review Start: Feb 19, 2016 Approval Date: Apr 18, 2016
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>Date and Approval Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI A119.5-2020</td>
<td>Park Model Recreational Vehicle Standard (revision of ANSI A119.5-2015)</td>
<td>PINS Date: Nov 2, 2018, Public Review Start: Oct 4, 2019, Approval Date: Jan 9, 2020</td>
</tr>
<tr>
<td>ANSI/RVIA EXTLAD-1-2019</td>
<td>Recommended Practice Laboratory Test Procedures for Exterior Ladders on Recreational Vehicles (new standard)</td>
<td>PINS Date: Jun 30, 2017, Public Review Start: Jun 14, 2019, Approval Date: Jul 19, 2019</td>
</tr>
<tr>
<td>ANSI/RVIA UPA-1-2019</td>
<td>Uniform Plan Approval Recreational Vehicles (revision of ANSI/RVIA UPA-1-2014)</td>
<td>PINS Date: Apr 13, 2018, Public Review Start: Feb 1, 2019, Approval Date: Mar 8, 2019</td>
</tr>
<tr>
<td>Standard</td>
<td>Title</td>
<td>Status</td>
</tr>
<tr>
<td>----------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>PINS Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>ANSI/SAIA STD PD M-4-2020</td>
<td>Supplier Weight Control for the Marine Industry (new standard)</td>
<td>Dec 8, 2017</td>
</tr>
<tr>
<td>ANSI/SBCA FS 100-2012 (R2018)</td>
<td>Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulating Sheathing Used in Exterior Wall Covering Assemblies (reaffirmation of ANSI/SBCA FS 100-2012)</td>
<td></td>
</tr>
</tbody>
</table>
ANSI/SCTE 102-2016, Cable Retention Force Testing of Trunk & Distribution Connectors (revision of ANSI/SCTE 102-2010)
PINS Date: Apr 17, 2015
Approval Date: Jan 11, 2017

ANSI/SCTE 103-2018, Test Method for DC Contact Resistance, Drop cable to F connectors and F 81 Barrels (revision of ANSI/SCTE 103-2012)
PINS Date: Dec 9, 2016
Public Review Start: Mar 23, 2018
Approval Date: May 22, 2018

PINS Date: Oct 11, 2019
Public Review Start: Dec 20, 2019
Approval Date: Feb 24, 2020

PINS Date: Apr 17, 2015
Public Review Start: Mar 2, 2018
Approval Date: May 21, 2018

ANSI/SCTE 107-2017, Embedded Cable Modem Devices (revision of ANSI/SCTE 107-2009)
PINS Date: Apr 17, 2015
Public Review Start: Jun 30, 2017
Approval Date: Aug 21, 2017

PINS Date: Dec 9, 2016
Public Review Start: Feb 2, 2018
Approval Date: May 22, 2018

PINS Date: Jun 14, 2019
Public Review Start: Oct 11, 2019
Approval Date: Jan 6, 2020

PINS Date: Nov 25, 2016
Public Review Start: May 25, 2018
Approval Date: Feb 5, 2019

PINS Date: Feb 5, 2010
Public Review Start: Jan 28, 2011
Approval Date: Mar 30, 2011

PINS Date: Apr 17, 2015
Public Review Start: Sep 8, 2017
Approval Date: Nov 1, 2017

PINS Date: Dec 25, 2015
Public Review Start: Dec 29, 2017
Approval Date: Feb 28, 2018

PINS Date: Apr 22, 2011
Public Review Start: Mar 2, 2018
Approval Date: May 22, 2018

PINS Date: Dec 25, 2015
Public Review Start: Mar 22, 2019
Approval Date: May 21, 2019

PINS Date: Dec 25, 2015
Public Review Start: Jun 15, 2018
Approval Date: Aug 31, 2018
PINS Date: Feb 17, 2012
Public Review Start: Nov 24, 2017
Approval Date: Jan 26, 2018

ANSI/SCTE 13-2018, Dielectric Air Leak Test Method For Trunk, Feeder and Distribution Coaxial Cable (revision of ANSI/SCTE 13-2011)
PINS Date: Dec 25, 2015
Public Review Start: May 25, 2018
Approval Date: Feb 1, 2019

PINS Date: Feb 15, 2013
Public Review Start: Apr 26, 2013
Approval Date: Jun 26, 2013

PINS Date: Feb 3, 2012
Public Review Start: Jul 4, 2014
Approval Date: Sep 8, 2014

ANSI/SCTE 130-3-2013, Digital Program Insertion - Advertising Systems Interfaces - Part 3: Ad Management Service (ADM) Interface (revision of ANSI/SCTE 130-3-2010)
PINS Date: Apr 22, 2011
Public Review Start: Mar 21, 2014
Approval Date: May 13, 2014

ANSI/SCTE 130-4-2015, Digital Program Insertion-Advertising Systems Interfaces - Part 4: Content Information Service (CIS) (revision of ANSI/SCTE 130-4-2011)
PINS Date: Aug 8, 2014
Approval Date: Apr 19, 2016

ANSI/SCTE 130-5-2016, Digital Program Insertion-Advertising Systems Interfaces Part 5-Placement Opportunity Information Service (revision of ANSI/SCTE 130-5-2010)
PINS Date: Jul 8, 2011
Public Review Start: Aug 12, 2016
Approval Date: Oct 11, 2016

ANSI/SCTE 130-6-2013, Digital Program Insertion-Advertising Systems Interfaces - Part 6: Subscriber Information Service (SIS) (revision of ANSI/SCTE 130-6-2010)
PINS Date: Apr 22, 2011
Public Review Start: Apr 22, 2016
Approval Date: Jun 15, 2016

PINS Date: Aug 8, 2014
Public Review Start: Jan 1, 2016
Approval Date: Apr 15, 2016

ANSI/SCTE 130-8-2013, Digital Program Insertion-Advertising Systems Interfaces - Part 8: General Information Service (GIS) (revision of ANSI/SCTE 130-8-2012)
PINS Date: Feb 15, 2013
Public Review Start: Apr 22, 2016
Approval Date: Jun 15, 2016

PINS Date: Apr 26, 2013
Public Review Start: Aug 1, 2014
Approval Date: Sep 19, 2014
PINS Date: Feb 17, 2012
Public Review Start: Dec 29, 2017
Approval Date: Feb 28, 2018

ANSI/SCTE 132-2020, Test Method for Reverse Path (Upstream) bit error rate (revision of ANSI/SCTE 132-2012)
PINS Date: Dec 9, 2016
Public Review Start: Nov 15, 2019
Approval Date: Jan 6, 2020

ANSI/SCTE 133-2017, Downstream RF Interface for Cable Modem Termination System (revision of ANSI/SCTE 133-2010)
PINS Date: Apr 17, 2015
Public Review Start: Jun 30, 2017
Approval Date: Aug 21, 2017

ANSI/SCTE 134-2012, Fusion Splicing Equipment and Applications for the Cable/Broadband Industry (new standard)
PINS Date: Jul 22, 2005
Public Review Start: Jan 20, 2012
Approval Date: Mar 9, 2012

PINS Date: Mar 2, 2018
Public Review Start: Mar 15, 2019
Approval Date: May 10, 2019

PINS Date: Mar 2, 2018
Public Review Start: Mar 8, 2019
Approval Date: Apr 30, 2019

PINS Date: Mar 2, 2018
Public Review Start: Mar 8, 2019
Approval Date: Apr 30, 2019

PINS Date: Mar 2, 2018
Public Review Start: Sep 21, 2018
Approval Date: Nov 9, 2018

PINS Date: Apr 17, 2015
Public Review Start: Jun 2, 2017
Approval Date: Jul 21, 2017

PINS Date: Mar 2, 2018
Public Review Start: Apr 26, 2019
Approval Date: Jul 15, 2019

PINS Date: Mar 2, 2018
Public Review Start: Apr 26, 2019
Approval Date: Jul 15, 2019

PINS Date: Apr 17, 2015
Public Review Start: Jun 30, 2017
Approval Date: Aug 21, 2017

PINS Date: Apr 17, 2015
Public Review Start: Mar 3, 2017
Approval Date: Apr 20, 2017

PINS Date: Apr 17, 2015
Public Review Start: Mar 3, 2017
Approval Date: Apr 20, 2017
ANSI/SCTE 137-4-2017, Modular Head End Architecture
Part 4: Edge Resource Manager Interface (revision of ANSI/SCTE 137-4-2010)
PINS Date: Apr 17, 2015
Public Review Start: Mar 3, 2017
Approval Date: Apr 20, 2017

ANSI/SCTE 137-5-2017, Modular Head End Architecture
Part 5: Edge QAM Provisioning and Management Interface (revision of ANSI/SCTE 137-5-2010)
PINS Date: Apr 17, 2015
Public Review Start: Mar 3, 2017
Approval Date: Apr 20, 2017

ANSI/SCTE 137-6-2017, Modular Head End Architecture
Part 6: Edge QAM Video Stream Interface (revision of ANSI/SCTE 137-6-2010)
PINS Date: Apr 17, 2015
Public Review Start: Mar 3, 2017
Approval Date: Apr 20, 2017

ANSI/SCTE 137-7-2017, Modular Head End Architecture
Part 7: EQAM Architectural Overview Technical Report (revision of ANSI/SCTE 137-7-2010)
PINS Date: Apr 17, 2015
Public Review Start: Mar 3, 2017
Approval Date: Apr 20, 2017

ANSI/SCTE 138-2019, Stream Conditioning For Switching Of Addressable Content In Digital Television Receivers (revision of ANSI/SCTE 138-2013)
PINS Date: Mar 2, 2018
Public Review Start: May 17, 2019
Approval Date: Jul 15, 2019

ANSI/SCTE 140-2019, Cable Modem IPv4 and IPv6 eRouter Specification (revision of ANSI/SCTE 140-2013)
PINS Date: Mar 2, 2018
Public Review Start: Apr 26, 2019
Approval Date: Jul 15, 2019

PINS Date: Sep 10, 2010
Public Review Start: Jun 30, 2017
Approval Date: Aug 21, 2017

PINS Date: Mar 2, 2018
Public Review Start: Jan 11, 2019
Approval Date: Mar 8, 2019

ANSI/SCTE 144-2017, Test Procedure for Measuring Transmission and Reflection (revision of ANSI/SCTE 144-2012)
PINS Date: Dec 9, 2016
Public Review Start: Sep 8, 2017
Approval Date: Nov 7, 2017

PINS Date: Jan 17, 2014
Public Review Start: Jul 31, 2015
Approval Date: Sep 18, 2015

ANSI/SCTE 146-2017, Outdoor F Female to F Female Inline Splice (revision of ANSI/SCTE 146-2008)
PINS Date: Feb 15, 2013
Public Review Start: Jul 28, 2017
Approval Date: Sep 12, 2017

ANSI/SCTE 147-2010, Specification for 75 ohm Inline Attenuators (revision of ANSI/SCTE 147-2008)
PINS Date: Nov 9, 2012
Public Review Start: Apr 26, 2013
Approval Date: Jun 26, 2013

PINS Date: Feb 15, 2013
Public Review Start: Sep 9, 2016
Approval Date: Nov 1, 2016
ANSI/SCTE 149-2019, Test Method for Withstand Tightening Torque - F Female (revision of ANSI/SCTE 149-2013)
PINS Date: Mar 2, 2018
Public Review Start: Apr 5, 2019
Approval Date: Jul 15, 2019

PINS Date: Jul 12, 2019
Public Review Start: Aug 16, 2019
Approval Date: Oct 7, 2019

PINS Date: Nov 9, 2012
Public Review Start: Apr 26, 2013
Approval Date: Jun 26, 2013

ANSI/SCTE 151-2015, Mechanical, Electrical, and Environmental Requirements for RF Traps and Filters (revision of ANSI/SCTE 151-2008)
PINS Date: Feb 15, 2013
Public Review Start: Feb 6, 2015
Approval Date: Mar 30, 2015

ANSI/SCTE 152-2019, Test Procedure for Contact Resistance Measurement of Mainline Plug Interface (revision of ANSI/SCTE 152-2014)
PINS Date: Sep 7, 2018
Public Review Start: Apr 26, 2019
Approval Date: Jul 9, 2019

PINS Date: Feb 15, 2013
Public Review Start: Jan 6, 2017
Approval Date: Feb 23, 2017

PINS Date: Feb 15, 2013
Public Review Start: May 4, 2018
Approval Date: Dec 6, 2018

PINS Date: Feb 15, 2013
Public Review Start: May 4, 2018
Approval Date: Jul 20, 2018

ANSI/SCTE 154-3-2018, Encoder MIB (revision of ANSI/SCTE 154-3-2008)
PINS Date: Feb 15, 2013
Public Review Start: May 4, 2018
Approval Date: Feb 5, 2019

ANSI/SCTE 154-4-2018, MPEG Management Information Base SCTE-HMS-MPEG MIB (revision of ANSI/SCTE 154-4-2008)
PINS Date: Feb 15, 2013
Public Review Start: May 4, 2018
Approval Date: Jul 20, 2018

PINS Date: Feb 15, 2013
Public Review Start: May 4, 2018
Approval Date: Jul 20, 2018

ANSI/SCTE 155-2017, Indoor F Female to F Female Inline Splice (revision of ANSI/SCTE 155-2008)
PINS Date: Feb 15, 2013
Public Review Start: Sep 8, 2017
Approval Date: Nov 1, 2017

ANSI/SCTE 156-2019, Specification for Mainline Plug (Male) to Cable Interface (revision of ANSI/SCTE 156-2016)
PINS Date: Dec 21, 2018
Public Review Start: Feb 8, 2019
Approval Date: Apr 9, 2019

ANSI/SCTE 158-2016, Recommended Environmental Condition Ranges for Broadband Communications Equipment (revision of ANSI/SCTE 158-2009)
PINS Date: Dec 6, 2013
Public Review Start: Nov 4, 2016
Approval Date: Dec 27, 2016
ANSI/SCTE 159-1-2017, IPCablecom Multimedia - Part 1: Multimedia Application and Service (revision of ANSI/SCTE 159-1-2010)
PINS Date: Apr 17, 2015
Public Review Start: Jun 2, 2017
Approval Date: Jul 31, 2017

PINS Date: Apr 17, 2015
Public Review Start: Mar 24, 2017
Approval Date: May 12, 2017

PINS Date: Dec 2, 2016
Public Review Start: May 4, 2018
Approval Date: Dec 6, 2018

PINS Date: Apr 17, 2015
Public Review Start: Dec 14, 2018
Approval Date: Feb 5, 2019

ANSI/SCTE 161-2016, Drop Amplifiers (revision of ANSI/SCTE 161-2009)
PINS Date: Dec 6, 2013
Approval Date: Jan 11, 2017

PINS Date: Apr 24, 2015
Public Review Start: May 4, 2018
Approval Date: Jul 20, 2018

PINS Date: Mar 21, 2014
Public Review Start: May 31, 2019
Approval Date: Aug 6, 2019

PINS Date: Apr 17, 2015
Public Review Start: Mar 15, 2019
Approval Date: May 14, 2019

ANSI/SCTE 165-04-2019, IPCablecom 1.5 Part 4: Dynamic Quality-of-Service (revision of ANSI/SCTE 165-4-2009)
PINS Date: Apr 17, 2015
Public Review Start: Mar 15, 2019
Approval Date: May 14, 2019

PINS Date: Apr 17, 2015
Public Review Start: Mar 15, 2019
Approval Date: May 14, 2019

ANSI/SCTE 165-07-2019, IPCablecom 1.5 Part 7: MTA MIB (revision of ANSI/SCTE 165-7-2009)
PINS Date: Apr 17, 2015
Public Review Start: Mar 15, 2019
Approval Date: May 14, 2019

ANSI/SCTE 165-08-2019, IPCablecom 1.5 Part 8: Signaling MIB (revision of ANSI/SCTE 165-8-2009)
PINS Date: Apr 17, 2015
Public Review Start: Mar 15, 2019
Approval Date: May 23, 2019

PINS Date: Apr 17, 2015
Public Review Start: Mar 15, 2019
Approval Date: May 21, 2019

ANSI/SCTE 165-10-2009, IPCablecom 1.5 Part 10: Security (new standard)
PINS Date: May 29, 2009
Public Review Start: Nov 20, 2009
Approval Date: Jan 11, 2010
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 21, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-12-2016</th>
<th>IPCablecom 1.5 Part 12: PSTN Gateway Call Signaling Protocol (revision of ANSI/SCTE 165-12-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 18, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 6, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 21, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-14-2019</th>
<th>IPCablecom 1.5 Part 14: Embedded MTA Analog Interface and Powering (revision of ANSI/SCTE 165-14-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 21, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 21, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-16-2016</th>
<th>IPCablecom 1.5 Part 16: Management Event Mechanism (revision of ANSI/SCTE 165-16-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 18, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 9, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 21, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-18-2016</th>
<th>IPCablecom 1.5 Part 18: CMS to CMS Signaling (revision of ANSI/SCTE 165-18-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 18, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 6, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 21, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-2-2016</th>
<th>IPCablecom 1.5 Part 2: Audio/Video Codec (revision of ANSI/SCTE 165-2-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 18, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 6, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-20-2019</th>
<th>IPCablecom 1.5 Part 20: MTA Extension MIB (revision of ANSI/SCTE 165-20-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 21, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-21-2016</th>
<th>IPCablecom 1.5 Part 21: Signaling Extension MIB (revision of ANSI/SCTE 165-21-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 18, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 9, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-3-2016</th>
<th>IPCablecom 1.5 Part 3: Network-Based Call Signaling Protocol (revision of ANSI/SCTE 165-3-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Nov 18, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 6, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/SCTE 165-5-2019</th>
<th>IPCablecom 1.5 Part 5: MTA Device Provisioning (revision of ANSI/SCTE 165-5-2009)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Apr 17, 2015</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 15, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 14, 2019</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>PINS Date: Dec 20, 2002</td>
<td>PINS Date: Apr 17, 2015</td>
</tr>
<tr>
<td>Approval Date: Aug 4, 2010</td>
<td>Approval Date: May 12, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Apr 24, 2015</td>
<td>PINS Date: Apr 17, 2015</td>
</tr>
<tr>
<td>Approval Date: May 10, 2019</td>
<td>Approval Date: May 12, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Apr 24, 2015</td>
<td>PINS Date: Apr 17, 2015</td>
</tr>
<tr>
<td>Approval Date: Aug 21, 2017</td>
<td>Approval Date: May 12, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Apr 24, 2015</td>
<td>PINS Date: Apr 17, 2015</td>
</tr>
<tr>
<td>Approval Date: Aug 21, 2017</td>
<td>Approval Date: May 12, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Dec 30, 2011</td>
<td>PINS Date: Sep 12, 2014</td>
</tr>
<tr>
<td>Public Review Start: May 4, 2018</td>
<td>Public Review Start: Dec 28, 2018</td>
</tr>
<tr>
<td>Approval Date: Jul 20, 2018</td>
<td>Approval Date: Feb 22, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Apr 2, 2010</td>
<td>PINS Date: Dec 25, 2015</td>
</tr>
<tr>
<td>Approval Date: Sep 20, 2010</td>
<td>Approval Date: Aug 21, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Apr 25, 2014</td>
</tr>
<tr>
<td>Public Review Start: Jul 28, 2017</td>
</tr>
<tr>
<td>Approval Date: Sep 12, 2017</td>
</tr>
<tr>
<td>ANSI/SCTE Standard</td>
</tr>
<tr>
<td>--------------------</td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date: Mar 2, 2018
Public Review Start: Oct 4, 2019
Approval Date: Dec 17, 2019

ANSI/SCTE 196-2019, SFP-RF: Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (revision of ANSI/SCTE 196-2013)
PINS Date: Mar 2, 2018
Public Review Start: Oct 4, 2019
Approval Date: Dec 20, 2019

ANSI/SCTE 197-2018, Recommendations for Spot Check Loudness Measurements (revision of ANSI/SCTE 197-2013)
PINS Date: Mar 2, 2018
Public Review Start: Sep 7, 2018
Approval Date: Nov 5, 2018

ANSI/SCTE 199-2019, Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Receiver Module (SFP-RF-USRx) (revision of ANSI/SCTE 199-2010)
PINS Date: Mar 2, 2018
Public Review Start: Oct 4, 2019
Approval Date: Dec 20, 2019

ANSI/SCTE 201-2018, Open Media Security (OMS) Root Key Derivation Profiles and Test Vectors (revision of ANSI/SCTE 201-2013)
PINS Date: Mar 2, 2018
Public Review Start: Sep 7, 2018
Approval Date: Oct 31, 2018

PINS Date: Sep 7, 2018
Public Review Start: Nov 1, 2019
Approval Date: Dec 20, 2019

PINS Date: Jan 6, 2017
Public Review Start: Aug 11, 2017
Approval Date: Oct 18, 2017

PINS Date: Feb 24, 2012
Public Review Start: Jul 31, 2015
Approval Date: Sep 18, 2015

PINS Date: Feb 6, 2015
Public Review Start: Jul 31, 2015
Approval Date: Sep 18, 2015

ANSI/SCTE 212-2015, Cable Operator Energy Audit Framework and Establishment of Energy Baseline (new standard)
PINS Date: Feb 20, 2015
Public Review Start: Apr 10, 2015
Approval Date: Jun 9, 2015

ANSI/SCTE 213-2015, Edge and Core Facilities Energy Metrics (new standard)
PINS Date: Feb 6, 2015
Public Review Start: Jun 12, 2015
Approval Date: Jul 28, 2015
<table>
<thead>
<tr>
<th>Standard Code</th>
<th>Standard Title</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/SCTE 214-4-2018</td>
<td>MPEG DASH for IP-Based Cable Services Part 4: CIF (Common Interface Format)</td>
<td>(new standard)</td>
<td>May 25, 2018</td>
<td>Feb 1, 2019</td>
<td>Mar 22, 2019</td>
</tr>
</tbody>
</table>
PINS Date: Nov 2, 2018
Public Review Start: Feb 1, 2019
Approval Date: Mar 22, 2019

ANSI/SCTE 224-2018, Event Scheduling and Notification Interface (revision of ANSI/SCTE 224-2016)
PINS Date: Mar 16, 2018
Public Review Start: Apr 6, 2018
Approval Date: Jun 12, 2018

ANSI/SCTE 226-2015, Cable Facility Classification Definitions and Requirements (new standard)
PINS Date: Oct 2, 2015
Public Review Start: Dec 18, 2015
Approval Date: Feb 11, 2016

PINS Date: Apr 17, 2015
Public Review Start: Oct 20, 2017
Approval Date: Feb 16, 2018

PINS Date: May 19, 2017
Public Review Start: Aug 18, 2017
Approval Date: Oct 18, 2017

PINS Date: Apr 17, 2015
Public Review Start: Oct 20, 2017
Approval Date: Jun 11, 2018

ANSI/SCTE 230-2016, Recommended Practice for Proper Handling of Audio-Video Synchronization in Cable Systems (new standard)
PINS Date: Apr 8, 2016
Public Review Start: Apr 29, 2016
Approval Date: Jun 20, 2016

PINS Date: Oct 18, 2019
Public Review Start: Nov 15, 2019
Approval Date: Jan 6, 2020

PINS Date: Jun 7, 2019
Public Review Start: Nov 15, 2019
Approval Date: Jan 6, 2020

ANSI/SCTE 233-2016, Wavelength-Division Multiplex Small Form Factor Pluggable (PXFP-WDM) Optical Transmitter Module Interface Specification (new standard)
PINS Date: Apr 8, 2016
Public Review Start: Sep 16, 2016
Approval Date: Nov 16, 2016

PINS Date: Aug 5, 2016
Approval Date: Dec 15, 2016

ANSI/SCTE 236-2017, Content Metadata (new standard)
PINS Date: Mar 24, 2017
Public Review Start: Jul 7, 2017
Approval Date: May 22, 2018

PINS Date: Jul 21, 2017
Public Review Start: Aug 11, 2017
Approval Date: Oct 18, 2017

PINS Date: Apr 17, 2015
Approval Date: Jan 6, 2017
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

ANSI/SCTE 24-12-2016, IPCablecom 1.0 Part 12: Trunking Gateway Control Protocol (TGCP) (revision of ANSI/SCTE 24-12-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

ANSI/SCTE 24-2-2016, IPCablecom 1.0 Part 2: Audio Codec Requirements for the Provision of Bi-directional Audio Service over Cable Television Networks Using Cable Modems (revision of ANSI/SCTE 24-2-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

PINS Date:       May 19, 2017
Public Review Start: Aug 11, 2017
Approval Date:   Mar 1, 2018

PINS Date:       Mar 2, 2018
Public Review Start: Sep 7, 2018
Approval Date:   Oct 30, 2018

PINS Date:       May 19, 2017
Public Review Start: Aug 11, 2017
Approval Date:   Oct 18, 2017

ANSI/SCTE 24-3-2016, IPCablecom 1.0 Part 3: Network Call Signaling Protocol for the Delivery of Time-Critical Services over Cable Television Using Data Modems (revision of ANSI/SCTE 24-3-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

ANSI/SCTE 24-4-2016, IPCablecom 1.0 Part 4: Dynamic Quality of Service for the Provision of Real-Time Services over Cable Television Networks Using Data Modems (revision of ANSI/SCTE 24-4-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

ANSI/SCTE 24-5-2016, IPCablecom 1.0 Part 5: Media Terminal Adapter (MTA) Device Provisioning Requirements for the Delivery of Real-Time Services over Cable Television Using Cable Modems (revision of ANSI/SCTE 24-5-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

ANSI/SCTE 24-6-2016, IPCablecom 1.0 Part 6: Management Information Base (MIB) Framework (revision of ANSI/SCTE 24-6-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

ANSI/SCTE 24-7-2016, IPCablecom 1.0 Part 7: Media Terminal Adapter (MTA) Management Information Base (MIB) Requirements (revision of ANSI/SCTE 24-7-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017

ANSI/SCTE 24-8-2016, IPCablecom 1.0 Part 8: Signaling Management Information Base (MIB) Requirements (revision of ANSI/SCTE 24-8-2009)
PINS Date:       Apr 17, 2015
Approval Date:   Jan 6, 2017
PINS Date: Apr 17, 2015
Approval Date: Jan 6, 2017

PINS Date: Aug 4, 2006
Public Review Start: Aug 18, 2017
Approval Date: Oct 18, 2017

PINS Date: Sep 15, 2017
Public Review Start: Oct 20, 2017
Approval Date: Feb 16, 2018

PINS Date: Jun 9, 2017
Public Review Start: Oct 27, 2017
Approval Date: Dec 29, 2017

PINS Date: Jun 9, 2017
Public Review Start: Oct 27, 2017
Approval Date: Dec 21, 2017

PINS Date: Jun 9, 2017
Public Review Start: Oct 27, 2017
Approval Date: Jun 28, 2018

PINS Date: Jul 27, 2018
Public Review Start: Nov 16, 2018
Approval Date: Feb 5, 2019

PINS Date: Jun 9, 2017
Public Review Start: Oct 27, 2017
Approval Date: Dec 21, 2017

PINS Date: Jun 9, 2017
Public Review Start: Oct 27, 2017
Approval Date: Jun 28, 2018

PINS Date: Jul 27, 2018
Public Review Start: Nov 16, 2018
Approval Date: Feb 5, 2019

PINS Date: Jul 27, 2018
Public Review Start: Nov 16, 2018
Approval Date: Feb 5, 2019

ANSI/SCTE 244-2018, Specification for Braided 75, Micro-Series Quad Shield Coaxial Cable for Connectivity and Dense CCAP/Edge QAM Applications (new standard)
PINS Date: Jan 17, 2014
Public Review Start: Mar 2, 2018
Approval Date: May 22, 2018

ANSI/SCTE 249-2018, Test Method Common Mode Disturbance (new standard)
PINS Date: Dec 15, 2017
Public Review Start: Aug 31, 2018
Approval Date: Oct 25, 2018

PINS Date: Feb 15, 2013
Public Review Start: Sep 1, 2017
Approval Date: Oct 20, 2017
PINS Date: Feb 15, 2013
Public Review Start: Sep 1, 2017
Approval Date: Oct 20, 2017

PINS Date: Dec 25, 2015
Public Review Start: Sep 8, 2017
Approval Date: Mar 1, 2018

ANSI/SCTE 250-2020, Real-time Event Signaling and Management API (revision of ANSI/SCTE 250-2019)
PINS Date: Jan 24, 2020
Public Review Start: Mar 6, 2020
Approval Date: May 7, 2020

ANSI/SCTE 251-2018, Test Procedure for Determining the Thermal Oxidative Stability of Foamed Polyethylene (new standard)
PINS Date: Apr 17, 2015
Public Review Start: Nov 16, 2018
Approval Date: Feb 5, 2019

ANSI/SCTE 252-2018, Attenuation of Common Mode Filters (new standard)
PINS Date: Nov 2, 2018
Public Review Start: Dec 7, 2018
Approval Date: Feb 5, 2019

PINS Date: Aug 31, 2018
Public Review Start: Feb 15, 2019
Approval Date: Apr 10, 2019

PINS Date: Apr 17, 2015
Public Review Start: Aug 11, 2017
Approval Date: Oct 18, 2017

ANSI/SCTE 27-2016, Subtitling Methods for Broadcast Cable (revision of ANSI/SCTE 27-2011)
PINS Date: Dec 25, 2015
Approval Date: Nov 22, 2016

PINS Date: Jan 6, 2017
Public Review Start: Mar 2, 2018
Approval Date: May 21, 2018

ANSI/SCTE 29-2018, Torque Requirements for Bond Wire Penetration of Bonding Set Screw (revision of ANSI/SCTE 29-2012)
PINS Date: Dec 2, 2016
Public Review Start: Nov 23, 2018
Approval Date: Feb 5, 2019

PINS Date: Jun 10, 2016
Public Review Start: Jun 30, 2017
Approval Date: Aug 21, 2017

ANSI/SCTE 31-2016, Test Method for Measuring Diameter Over Core (revision of ANSI/SCTE 31-2008)
PINS Date: Dec 30, 2011
Public Review Start: Nov 4, 2016
Approval Date: Dec 27, 2016

PINS Date: Dec 6, 2013
Public Review Start: Sep 23, 2016
Approval Date: Nov 16, 2016

ANSI/SCTE 33-2016, Test Method for Diameter of Drop Cable (revision of ANSI/SCTE 33-2010)
PINS Date: Apr 17, 2015
Public Review Start: Nov 4, 2016
Approval Date: Dec 27, 2016
ANSI/SCTE 34-2016, Test Method for Cored Depth Verification (revision of ANSI/SCTE 34-2010)
PINS Date: Apr 17, 2015  
Approval Date: Oct 13, 2016

PINS Date: Oct 11, 2019  
Public Review Start: Jan 3, 2020  
Approval Date: Feb 24, 2020

PINS Date: May 4, 2018  
Public Review Start: Jun 8, 2018  
Approval Date: Feb 5, 2019

PINS Date: Apr 24, 2015  
Public Review Start: Dec 22, 2017  
Approval Date: Jun 15, 2018

PINS Date: Apr 24, 2015  
Public Review Start: Dec 22, 2017  
Approval Date: Feb 28, 2018

PINS Date: Apr 24, 2015  
Public Review Start: Dec 29, 2017  
Approval Date: Feb 28, 2018

PINS Date: Feb 15, 2013  
Public Review Start: Dec 29, 2017  
Approval Date: Feb 28, 2018

PINS Date: Dec 25, 2015  
Public Review Start: Dec 22, 2017  
Approval Date: Feb 28, 2018

ANSI/SCTE 38-3-2017, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-COMMON-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-3-2012)
PINS Date: Sep 8, 2017  
Public Review Start: Dec 22, 2017  
Approval Date: Mar 2, 2018

ANSI/SCTE 38-4-2017, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-PS-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-4-2012)
PINS Date: Sep 8, 2017  
Public Review Start: Dec 22, 2017  
Approval Date: Feb 28, 2018

PINS Date: Feb 15, 2013  
Public Review Start: Dec 22, 2017  
Approval Date: Feb 28, 2018

ANSI/SCTE 38-6-2017, Hybrid Fiber/Coax Outside Plant Status Monitoring - SCTE-HMS-GEN-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-6-2012)
PINS Date: Nov 24, 2017  
Public Review Start: Dec 22, 2017  
Approval Date: Feb 28, 2018

PINS Date: Feb 15, 2013  
Public Review Start: Dec 22, 2017  
Approval Date: Feb 28, 2018
ANSI/SCTE 38-2017, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-DOWNLOAD-MIB
Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-2009)
PINS Date: Apr 24, 2015
Public Review Start: Dec 29, 2017
Approval Date: Feb 28, 2018

PINS Date: Dec 30, 2011
Approval Date: Dec 12, 2013

ANSI/SCTE 40-2016, Digital Cable Network Interface Standard (revision of ANSI/SCTE 40-2012)
PINS Date: Dec 25, 2015
Approval Date: Nov 22, 2016

ANSI/SCTE 41-2016, POD Copy Protection System (revision of ANSI/SCTE 41-2011)
PINS Date: Dec 30, 2011
Approval Date: Nov 22, 2016

ANSI/SCTE 42-2019, IP Multicast for Digital MPEG Networks (new standard)
PINS Date: Jul 19, 2019
Public Review Start: Sep 6, 2019
Approval Date: Oct 28, 2019

PINS Date: Dec 25, 2009
Public Review Start: Dec 11, 2015
Approval Date: Apr 15, 2016

PINS Date: Apr 17, 2015
Public Review Start: Jul 27, 2018
Approval Date: Oct 18, 2018

PINS Date: Dec 9, 2016
Public Review Start: Aug 18, 2017
Approval Date: Oct 18, 2017

PINS Date: Dec 30, 2011
Public Review Start: Apr 22, 2016
Approval Date: Jun 15, 2016

PINS Date: Feb 3, 2012
Approval Date: Sep 29, 2015

ANSI/SCTE 48-3-2018, Test Procedure for Measuring Shielding Effectiveness of Coaxial Cable and Connectors Using the GTEM Cell (revision of ANSI/SCTE 48-3-2017)
PINS Date: Sep 14, 2018
Public Review Start: Oct 26, 2018
Approval Date: Jan 17, 2019

PINS Date: Aug 1, 2008
Public Review Start: Jul 8, 2011
Approval Date: Aug 26, 2011

PINS Date: Dec 9, 2016
Public Review Start: May 25, 2018
Approval Date: Feb 1, 2019

PINS Date: Mar 2, 2018
Public Review Start: Sep 7, 2018
Approval Date: Oct 30, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Date Published</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/SCTE Standard</td>
<td>Description</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------</td>
<td>-----------</td>
<td>---------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>ANSI/SCTE 77-2017</td>
<td>Specifications for Underground Enclosure Integrity (revision of ANSI/SCTE 77-2013)</td>
<td>May 1, 2015</td>
<td>Nov 10, 2017</td>
<td>Jan 17, 2018</td>
</tr>
<tr>
<td>Standard Number</td>
<td>Description</td>
<td>Date</td>
<td>Approval Date</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>ANSI/SCTE 83-3-2017</td>
<td>Hybrid Fiber/Coax Inside Plant Management Information Base (MIB)</td>
<td>Apr 24, 2015</td>
<td>Mar 1, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/SCTE 83-4-2017</td>
<td>HMS Common Inside Plant Management Information Base (MIB)</td>
<td>Apr 24, 2015</td>
<td>Mar 1, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/SCTE 86-2010</td>
<td>SCTE Recommended Optical Fiber Cable Types for Outside Plant Trunk and Distribution Applications</td>
<td>Nov 27, 2009</td>
<td>Feb 19, 2010</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Dec 9, 2016
Public Review Start: Nov 10, 2017
Approval Date: Jan 17, 2018

PINS Date: Dec 30, 2011
Public Review Start: Apr 19, 2013
Approval Date: Jun 12, 2013

PINS Date: Apr 24, 2015
Public Review Start: Oct 20, 2017
Approval Date: Feb 6, 2018

PINS Date: Apr 24, 2015
Public Review Start: Oct 20, 2017
Approval Date: Feb 14, 2018

PINS Date: Apr 24, 2015
Public Review Start: May 4, 2018
Approval Date: Dec 6, 2018

ANSI/SCTE 96-2020, Cable Telecommunications Testing Guidelines (revision of ANSI/SCTE 96-2013)
PINS Date: Sep 7, 2018
Public Review Start: Apr 10, 2020
Approval Date: Jun 8, 2020

PINS Date: Dec 6, 2013
Public Review Start: Jun 20, 2014
Approval Date: Aug 25, 2014

PINS Date: Sep 7, 2018
Public Review Start: Jul 5, 2019
Approval Date: Aug 20, 2019

SDI (ASC A250) (Steel Door Institute)
www.wherryassocsteeldoor.org

ANSI A250.10-2011, Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames (revision of ANSI A250.10-1998 (R2004))
PINS Date: Feb 11, 2011
Public Review Start: Jun 17, 2011
Approval Date: Nov 21, 2011

ANSI A250.11-2012, Recommended Erection Instructions for Steel Frames (new standard)
PINS Date: 
Public Review Start: Sep 30, 2011
Approval Date: Jan 17, 2012

PINS Date: Jul 22, 2016
Public Review Start: Aug 16, 2019
Approval Date: Nov 14, 2019

ANSI A250.4-2018, Test Procedure and Acceptance Criteria for - Physical Endurance for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2011)
PINS Date: Jul 22, 2016
Public Review Start: Apr 27, 2018
Approval Date: Jul 10, 2018

ANSI A250.6-2015, Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames (revision of ANSI A250.6-2003 (R2009))
PINS Date: May 30, 2014
Public Review Start: Sep 25, 2015
Approval Date: Dec 30, 2015
### Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Date of Last Update</th>
<th>PINS Date</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

SIMA (Snow and Ice Management Association)
http://www.sima.org

ANSI/SIMA 10-2020, Standard Practice for Procuring and Planning Snow and Ice Management Services (new standard)
PINS Date: Jul 5, 2019
Public Review Start: Nov 8, 2019
Approval Date: Jan 15, 2020

SJ (Steel Joist Institute)
www.steeljoist.org

PINS Date: Sep 20, 2019
Public Review Start: Nov 22, 2019
Approval Date: Apr 15, 2020

PINS Date: Jan 11, 2013
Public Review Start: Apr 22, 2016
Approval Date: Aug 18, 2017

SLAS (Society for Laboratory Automation and Screening)
www.slas.org

PINS Date:
Public Review Start: Nov 4, 2011
Approval Date: Oct 3, 2012

PINS Date:
Public Review Start: Nov 4, 2011
Approval Date: Oct 3, 2012

PINS Date:
Public Review Start: Nov 4, 2011
Approval Date: Oct 3, 2012

PINS Date:
Public Review Start: Nov 4, 2011
Approval Date: Oct 3, 2012

ANSI/SLAS 6-2012, Standard #6 for Well Bottom Elevation (new standard)
PINS Date: Oct 3, 2008
Approval Date: Aug 1, 2012

SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)
www.smacna.org

ANSI/SMACNA 002-2011, Rectangular Industrial Duct Construction Standards (new standard)
PINS Date: Dec 25, 2009
Public Review Start: Apr 22, 2011
Approval Date: Jul 11, 2011

PINS Date: Nov 16, 2012
Public Review Start: May 24, 2013
Approval Date: Aug 26, 2013
<table>
<thead>
<tr>
<th>Standard Code</th>
<th>Title</th>
<th>Date Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/SMACNA 007-2016</td>
<td>Residential Comfort System Installation Standards (new standard)</td>
<td>PINS Date: Mar 24, 2006; Public Review Start: Oct 3, 2014; Approval Date: May 12, 2016</td>
</tr>
<tr>
<td>ANSI/SMACNA 011-2017</td>
<td>Thermoset FRP Duct Construction Manual (new standard)</td>
<td>PINS Date: Jul 29, 2016; Public Review Start: Jan 6, 2017; Approval Date: Mar 27, 2017</td>
</tr>
<tr>
<td>ANSI/SMACNA 022-2015</td>
<td>Phenolic Duct Construction Standards (new standard)</td>
<td>PINS Date: Jul 25, 2014; Public Review Start: Jan 2, 2015; Approval Date: Feb 12, 2015</td>
</tr>
<tr>
<td>ANSI/SPRI RD-1-2019</td>
<td>Performance Standard for Retrofit Drains (revision of ANSI/SPRI RD-1-2014)</td>
<td>PINS Date: Apr 26, 2019; Public Review Start: May 31, 2019; Approval Date: Jul 25, 2019</td>
</tr>
</tbody>
</table>
Approved American National Standards

PINS Date: Aug 7, 2015
Public Review Start: Mar 17, 2017
Approval Date: May 11, 2017

PINS Date: Mar 4, 2016
Public Review Start: Apr 20, 2018
Approval Date: Jun 11, 2018

PINS Date: Jun 15, 2018
Public Review Start: Nov 8, 2019
Approval Date: Jan 6, 2020

PINS Date: Dec 25, 2015
Public Review Start: Jul 1, 2016
Approval Date: Jan 24, 2017

PINS Date: Apr 14, 2017
Public Review Start: Jul 14, 2017
Approval Date: Oct 25, 2017

SVIA (Specialty Vehicle Institute of America)

ANSI/SVIA 1-2017, Four Wheel All-Terrain Vehicles (revision of ANSI/SVIA 1-2010)
PINS Date: Jan 1, 2016
Public Review Start: Dec 16, 2016
Approval Date: Jun 8, 2017

TAPPI (Technical Association of the Pulp and Paper Industry)
www.tappi.org

ANSI/TAPPI T 1006 sp-2010, Testing of fiber glass mats: use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, air permeability, and thickness (new standard)
PINS Date: Mar 19, 2010
Public Review Start: Jul 2, 2010
Approval Date: Dec 2, 2010

ANSI/TAPPI T 1007 sp-2015, Sample location for fiber glass mat sheets (revision of ANSI/TAPPI T 1007 sp-2010)
PINS Date: Jul 25, 2014
Public Review Start: Nov 21, 2014
Approval Date: Jun 9, 2015

ANSI/TAPPI T 1008 sp-2015, Test conditions for fiber glass mat test methods (revision of ANSI/TAPPI T 1008 sp-2010)
PINS Date: Aug 15, 2014
Public Review Start: Mar 27, 2015
Approval Date: Jun 9, 2015

ANSI/TAPPI T 1009 om-2010, Tensile strength and elongation at break for fiber glass mats (new standard)
PINS Date: Apr 2, 2010
Public Review Start: Jul 16, 2010
Approval Date: Dec 2, 2010

ANSI/TAPPI T 1012 om-2015, Moisture content of fiber glass mats (revision of ANSI/TAPPI T 1012 om-2010)
PINS Date: Sep 19, 2014
Public Review Start: Feb 27, 2015
Approval Date: Jun 9, 2015

ANSI/TAPPI T 1013 om-2010, Loss on ignition of fiber glass mats (new standard)
PINS Date: Apr 30, 2010
Public Review Start: Aug 20, 2010
Approval Date: Dec 2, 2010
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI/TAPPI T 1014 om-2010, Moisture sensitivity of fiber glass mats (new standard)
PINS Date: Apr 30, 2010
Public Review Start: Aug 20, 2010
Approval Date: Dec 2, 2010

ANSI/TAPPI T 1015 sp-2010 (R2015), Fiber glass mat uniformity (visual defects) (reaffirmation of ANSI/TAPPI T 1015 sp-2010)
PINS Date: Aug 8, 2014
Public Review Start: Mar 6, 2015
Approval Date: Jun 9, 2015

ANSI/TAPPI T 1016 om-2010, Average fiber diameter of fiber glass mats (new standard)
PINS Date: May 7, 2010
Public Review Start: Aug 20, 2010
Approval Date: Dec 2, 2010

ANSI/TAPPI T 1200 sp-2014 (R2020), Interlaboratory evaluation of test methods to determine TAPPI repeatability and reproducibility (reaffirmation of ANSI/TAPPI T 1200 sp-2014)
PINS Date: Oct 12, 2018
Public Review Start: Aug 9, 2019
Approval Date: Jan 31, 2020

ANSI/TAPPI T 1205 sp-2014 (R2020), Dealing with suspect (outlying) test determinations (reaffirmation of ANSI/TAPPI T 1205 sp-2014)
PINS Date: Oct 12, 2018
Public Review Start: Mar 6, 2020
Approval Date: Jun 9, 2020

ANSI/TAPPI T 1210 sp-2018, Units of measurement and conversion factors (new standard)
PINS Date: Jun 24, 2016
Public Review Start: Dec 22, 2017
Approval Date: Jun 12, 2018

PINS Date: Apr 27, 2018
Public Review Start: Aug 9, 2019
Approval Date: Jan 31, 2020

ANSI/TAPPI T 1212 sp-2012, Light sources for evaluating papers including those containing fluorescent whitening agents (new standard)
PINS Date: May 20, 2011
Public Review Start: Mar 9, 2012
Approval Date: Jun 19, 2012

ANSI/TAPPI T 1214 sp-2012, Interrelation of reflectance, R0; reflectivity, R8; TAPPI opacity, C0.89; scattering, s; and absorption, k (new standard)
PINS Date: May 27, 2011
Public Review Start: Sep 2, 2011
Approval Date: Jun 19, 2012

ANSI/TAPPI T 1215 sp-2012, The determination of instrumental color differences (new standard)
PINS Date: Sep 16, 2011
Public Review Start: Mar 9, 2012
Approval Date: Jun 18, 2012

ANSI/TAPPI T 1216 sp-2018, Indices for whiteness, yellowness, brightness, and luminous reflectance factor (revision of ANSI/TAPPI T 1216 sp-2012)
PINS Date: Jun 3, 2016
Public Review Start: Apr 27, 2018
Approval Date: Jun 12, 2018

ANSI/TAPPI T 1217 sp-2012 (R2018), Photometric linearity of optical properties instruments (reaffirmation of ANSI/TAPPI T 1217 sp-2012)
PINS Date: May 20, 2016
Public Review Start: Mar 30, 2018
Approval Date: Dec 31, 2018

ANSI/TAPPI T 1218 sp-2012 (R2018), Calibration of reflectance standards for hemispherical geometry (reaffirmation of ANSI/TAPPI T 1218 sp-2012)
PINS Date: May 20, 2016
Public Review Start: Apr 13, 2018
Approval Date: Dec 31, 2018

ANSI/TAPPI T 1219 sp-2012, Storage of paper samples for optical measurements and color matching (new standard)
PINS Date: Sep 2, 2011
Public Review Start: Jan 20, 2012
Approval Date: Jun 15, 2012
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date: Dec 31, 2018
- Public Review Start: Aug 24, 2018
- Approval Date: Dec 31, 2018

ANSI/TAPPI T 1501 sg-2018, Training standard for paper machine tender (new standard)
- PINS Date: Nov 25, 2015
- Public Review Start: Aug 10, 2018
- Approval Date: Dec 31, 2018

ANSI/TAPPI T 200 sp-2015, Laboratory beating of pulp (Valley beater method) (revision of ANSI/TAPPI T 200 sp-2010)
- PINS Date: Jul 18, 2014
- Public Review Start: Jun 12, 2015
- Approval Date: Aug 12, 2015

ANSI/TAPPI T 205 sp-2018, Forming handsheets for physical tests of pulp (new standard)
- PINS Date: Jan 19, 2018
- Public Review Start: Aug 3, 2018
- Approval Date: Dec 31, 2018

ANSI/TAPPI T 211 om-2012, Ash in wood, pulp, paper and paperboard: combustion at 525 degrees C (new standard)
- PINS Date: May 20, 2011
- Public Review Start: Aug 26, 2011
- Approval Date: Jun 15, 2012

ANSI/TAPPI T 212 om-2012 (R2018), One percent sodium hydroxide solubility of wood and pulp (reaffirmation of ANSI/TAPPI T 212 om-2012)
- PINS Date: Jan 26, 2018
- Public Review Start: Jun 12, 2018

- PINS Date: Oct 24, 2014
- Public Review Start: Feb 13, 2015
- Approval Date: Jun 9, 2015

ANSI/TAPPI T 218 sp-2018, Forming handsheets for reflectance testing of pulp (Bchner funnel procedure) (new standard)
- PINS Date: Jun 19, 2015
- Public Review Start: Aug 24, 2018
- Approval Date: Dec 31, 2018

ANSI/TAPPI T 220 sp-2010, Physical testing of pulp handsheets (new standard)
- PINS Date: Mar 12, 2010
- Public Review Start: Aug 27, 2010
- Approval Date: Dec 2, 2010

- PINS Date: Apr 6, 2018
- Public Review Start: Mar 29, 2019
- Approval Date: Jun 11, 2019

ANSI/TAPPI T 236 om-2013, Kappa number of pulp (new standard)
- PINS Date: Oct 8, 2010
- Public Review Start: Jul 12, 2013
- Approval Date: Dec 20, 2013

ANSI/TAPPI T 240 om-2020, Consistency (concentration) of pulp suspensions (revision of ANSI/TAPPI T 240 om-2012)
- PINS Date: Jul 1, 2016
- Public Review Start: Aug 9, 2019
- Approval Date: Jan 31, 2020

ANSI/TAPPI T 248 sp-2015, Laboratory beating of pulp (PFI mill method) (new standard)
- PINS Date: Jun 8, 2012
- Public Review Start: Jun 12, 2015
- Approval Date: Aug 11, 2015

ANSI/TAPPI T 252 om-2012, pH and electrical conductivity of hot water extracts of pulp, paper, and paperboard (new standard)
- PINS Date: May 13, 2011
- Public Review Start: Aug 26, 2011
- Approval Date: Jun 18, 2012
ANSI/TAPPI T 257 sp-2014, Sampling and preparing wood for analysis (new standard)
PINS Date: Aug 9, 2013
Public Review Start: Dec 13, 2013
Approval Date: Jun 11, 2014

ANSI/TAPPI T 259 om-2015, Species identification of nonwood plant fibers (new standard)
PINS Date: Oct 25, 2013
Approval Date: Jun 3, 2015

ANSI/TAPPI T 266 om-2018, Determination of sodium, calcium, copper, iron and manganese in pulp and paper by atomic absorption spectroscopy (new standard)
PINS Date: May 8, 2015
Public Review Start: May 4, 2018
Approval Date: Dec 31, 2018

ANSI/TAPPI T 268 om-2013, Weight-volume measurement of pulpwood (new standard)
PINS Date: Jun 22, 2012
Public Review Start: Nov 16, 2012
Approval Date: Jun 27, 2013

ANSI/TAPPI T 271 om-2012 (R2018), Fiber length of pulp and paper by automated optical analyzer using polarized light (reaffirmation of ANSI/TAPPI T 271 om-2012)
PINS Date: Jan 19, 2018
Public Review Start: Aug 3, 2018
Approval Date: Dec 31, 2018

ANSI/TAPPI T 272 sp-2012, Forming handsheets for reflectance testing of pulp (sheet machine procedure) (new standard)
PINS Date: Mar 16, 2012
Public Review Start: Jun 29, 2012
Approval Date: Dec 12, 2012

ANSI/TAPPI T 274 sp-2013, Laboratory screening of pulp (MasterScreen-type instrument) (new standard)
PINS Date: Oct 26, 2012
Public Review Start: Feb 22, 2013
Approval Date: Jun 12, 2013

ANSI/TAPPI T 275 sp-2018, Screening of pulp (Somerville-type equipment) (new standard)
PINS Date: Jul 15, 2016
Public Review Start: Apr 20, 2018
Approval Date: Dec 31, 2018

ANSI/TAPPI T 277 sp-2014, Macro stickies content in pulp: the "pick-up" method (new standard)
PINS Date: Jun 24, 2011
Public Review Start: Dec 6, 2013
Approval Date: Jun 11, 2014

ANSI/TAPPI T 281 sp-2018, Open drum washer mat sampling technique (revision of ANSI/TAPPI T 281 sp-2012)
PINS Date: Mar 25, 2016
Public Review Start: Dec 29, 2017
Approval Date: Jul 10, 2018

ANSI/TAPPI T 282 om-2013 (R2019), Hexeneuronic acid content of chemical pulp (reaffirmation of ANSI/TAPPI T 282 om-2013)
PINS Date: Mar 30, 2018
Public Review Start: Mar 29, 2019
Approval Date: Jun 11, 2019

ANSI/TAPPI T 400 sp-2011, Sampling and accepting a single lot of paper, paperboard, containerboard, or related product (new standard)
PINS Date: Jun 25, 2010
Public Review Start: Nov 19, 2010
Approval Date: Jun 13, 2011

ANSI/TAPPI T 401 om-2015, Fiber analysis of paper and paperboard (new standard)
PINS Date: Jun 1, 2012
Public Review Start: Jan 16, 2015
Approval Date: Jun 2, 2015
ANSI/TAPPI T 402 sp-2013, Standard conditioning and testing atmospheres for paper, board, pulp handsheets, and related products (new standard)
PINS Date: Sep 7, 2012
Public Review Start: Jan 4, 2013
Approval Date: Jun 14, 2013

ANSI/TAPPI T 403 om-2015, Bursting Strength of Paper (new standard)
PINS Date: Dec 19, 2014
Public Review Start: Sep 4, 2015
Approval Date: Jun 12, 2013

ANSI/TAPPI T 406 om-2013, Reducible sulfur in paper and paperboard (new standard)
PINS Date: Aug 3, 2012
Public Review Start: Feb 22, 2013
Approval Date: Jun 12, 2013

ANSI/TAPPI T 409 sp-2015, Machine direction of paper and paperboard (new standard)
PINS Date: Sep 13, 2013
Approval Date: Jun 9, 2015

ANSI/TAPPI T 410 om-2013 (R2019), Grammage of paper and paperboard (weight per unit area) (reaffirmation of ANSI/TAPPI T 410 om-2013)
PINS Date: Apr 6, 2018
Public Review Start: Mar 29, 2019
Approval Date: Jun 11, 2019

ANSI/TAPPI T 411 om-2015, Thickness (caliper) of paper, paperboard, and combined board (new standard)
PINS Date: Aug 29, 2014
Public Review Start: May 29, 2015
Approval Date: Apr 6, 2017

ANSI/TAPPI T 412 om-2011, Moisture in pulp, paper and paperboard (new standard)
PINS Date: Sep 24, 2010
Public Review Start: Jul 1, 2011
Approval Date: Nov 16, 2011

ANSI/TAPPI T 419 om-2018, Starch in paper (new standard)
PINS Date: May 29, 2015
Public Review Start: Jan 26, 2018
Approval Date: Jun 12, 2018

ANSI/TAPPI T 421 om-2012, Qualitative (including optical microscopic) analysis of mineral filler and mineral coating of paper (new standard)
PINS Date: Jun 4, 2010
Approval Date: Jun 18, 2012

ANSI/TAPPI T 425 om-2011, Opacity of paper (15/d geometry, illuminant A/2 degrees, 89% reflectance backing and paper backing) (new standard)
PINS Date: Feb 12, 2010
Public Review Start: Jun 3, 2011
Approval Date: Nov 11, 2011

ANSI/TAPPI T 428 om-2013, Hot water extractable acidity or alkalinity of paper (new standard)
PINS Date: Aug 3, 2012
Public Review Start: Nov 23, 2012
Approval Date: Jun 12, 2013

ANSI/TAPPI T 437 om-2012, Dirt in paper and paperboard (new standard)
PINS Date: Apr 6, 2012
Public Review Start: Jul 27, 2012
Approval Date: Dec 12, 2012

ANSI/TAPPI T 441 om-2013, Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (new standard)
PINS Date: Jun 29, 2012
Public Review Start: Nov 2, 2012
Approval Date: Jun 14, 2013

ANSI/TAPPI T 444 om-2012, Silver tarnishing by paper and paperboard (new standard)
PINS Date: Sep 17, 2010
Approval Date: Jul 2, 2012
Approved American National Standards

ANSI/TAPPI T 449 om-2014, Bacteriological examination of paper and paperboard (new standard)
PINS Date: May 6, 2011
Public Review Start: Jul 11, 2014
Approval Date: Jan 13, 2015

ANSI/TAPPI T 452 om-2018, Brightness of pulp, paper, and paperboard (directional reflectance at 457 nm) (new standard)
PINS Date: Mar 23, 2012
Public Review Start: Nov 24, 2017
Approval Date: Jun 12, 2018

ANSI/TAPPI T 453 sp-2013 (R2020), Effect of dry heat on properties of paper and board (reaffirmation of ANSI/TAPPI T 453 sp-2013)
PINS Date: Jun 8, 2018
Public Review Start: Aug 9, 2019
Approval Date: Jan 31, 2020

ANSI/TAPPI T 454 om-2015, Turpentine test for voids in glassine and greaseproof papers (revision of ANSI/TAPPI T 454 om-2010)
PINS Date: Oct 3, 2014
Public Review Start: Jan 23, 2015
Approval Date: Jun 9, 2015

ANSI/TAPPI T 455 sp-2014 (R2020), Identification of wire side of paper (reaffirmation of ANSI/TAPPI T 455 sp-2014)
PINS Date: Feb 1, 2019
Public Review Start: Mar 6, 2020
Approval Date: Jun 9, 2020

ANSI/TAPPI T 456 om-2015, Tensile breaking strength of water-saturated paper and paperboard ('wet tensile strength) (new standard)
PINS Date: Sep 5, 2014
Public Review Start: Jun 5, 2015
Approval Date: Apr 6, 2017

ANSI/TAPPI T 459 om-2013, Surface strength of paper (wax pick test) (new standard)
PINS Date: May 25, 2012
Public Review Start: Aug 9, 2013
Approval Date: Dec 20, 2013

ANSI/TAPPI T 460 om-2011, Air resistance of paper (Gurley method) (new standard)
PINS Date: Aug 27, 2010
Public Review Start: Feb 18, 2011
Approval Date: Jun 14, 2011

ANSI/TAPPI T 464 om-2012 (R2018), Diffuse brightness of paper, paperboard and pulp (d/O) (ultraviolet level D65) (reaffirmation of ANSI/TAPPI T 464 om-2012)
PINS Date: Jun 3, 2016
Public Review Start: Dec 8, 2017
Approval Date: Jun 12, 2018

ANSI/TAPPI T 465 sp-2010, Static creasing of paper for water vapor transmission tests (new standard)
PINS Date: Mar 5, 2010
Public Review Start: Jun 11, 2010
Approval Date: Dec 2, 2010

ANSI/TAPPI T 466 om-2011, Abrasion loss of paper and paperboard (Taber-type method) (new standard)
PINS Date: Mar 5, 2010
Public Review Start: Jul 1, 2011
Approval Date: Nov 11, 2011

ANSI/TAPPI T 480 om-2015, Specular gloss of paper and paperboard at 75 degrees (new standard)
PINS Date: Aug 23, 2013
Public Review Start: Sep 11, 2015
Approval Date: May 23, 2017

ANSI/TAPPI T 489 om-2015, Bending resistance (stiffness) of paper and paperboard (Taber-type tester in basic configuration) (revision of ANSI/TAPPI T 489 om-2013)
PINS Date: Apr 18, 2014
Public Review Start: May 8, 2015
Approval Date: May 23, 2017

ANSI/TAPPI T 491 om-2018, Water immersion number of paperboard (reaffirmation of ANSI/TAPPI T 491 om-2013)
PINS Date: Apr 6, 2018
Public Review Start: Aug 24, 2018
Approval Date: Dec 31, 2018

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>Date of Approval</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Status</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------</td>
<td>-------------------------------</td>
<td>-----------------</td>
<td>---------------------</td>
<td>-------------------</td>
</tr>
</tbody>
</table>

**Provided by American National Standards Institute**

www.ansi.org      Monday, June 15, 2020
<table>
<thead>
<tr>
<th>ANSI/TAPPI Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------</td>
<td>-------------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>ANSI/TAPPI T 830 om-2018</td>
<td>Ink rub test of containerboard and corrugated board (new standard)</td>
<td>May 29, 2015</td>
<td>Nov 17, 2017</td>
<td>Jul 10, 2018</td>
</tr>
</tbody>
</table>

TCATA (Textile Care Allied Trades Association)
www.tcata.org

PINS Date: Jan 29, 2010
Approval Date: Mar 24, 2016
ANSI A300 Part 1-2017, Tree, Shrub, and Other Woody Plant Management (Pruning)  (revision and redesignation of ANSI A300 Part 1 Pruning-2008 R2014)
PINS Date:  Nov 28, 2014
Approval Date:  Jan 10, 2017

PINS Date:  Jul 1, 2011
Public Review Start:  Jul 24, 2015
Approval Date:  Feb 11, 2016

PINS Date:  Nov 20, 2015
Public Review Start:  May 4, 2018
Approval Date:  Aug 10, 2018

ANSI A300 Part 3-2013, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Supplemental Support Systems)  (revision of ANSI A300 Part 3-2006)
PINS Date:  Jun 17, 2011
Public Review Start:  Dec 21, 2012
Approval Date:  May 6, 2013

ANSI A300 Part 4-2014, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Lightning Protection Systems)  (revision of ANSI A300 Part 4-2008)
PINS Date:  Jul 1, 2011
Public Review Start:  Jan 3, 2014
Approval Date:  Mar 7, 2014

ANSI A300 Part 5-2019, Tree, Shrub and Other Woody Plant Management Standard Practices (Management of Trees and Shrubs During Site Planning, Site Development, and Construction)  (revision of ANSI A300 Part 5-2012)
PINS Date:  Jan 20, 2017
Public Review Start:  Dec 7, 2018
Approval Date:  May 23, 2019

PINS Date:  Jan 20, 2017
Public Review Start:  Apr 27, 2018
Approval Date:  Aug 10, 2018

PINS Date:  Jun 15, 2018
Public Review Start:  Jun 14, 2019
Approval Date:  Mar 2, 2020

PINS Date:  Nov 20, 2015
Approval Date:  Jan 10, 2017

ANSI A300, Part 6-2012 (R2018), Tree, Shrub, and Other Woody Plant Management Standard Practices (Planting and Transplanting)  (reaffirmation of ANSI A300 Part 6 -2012)
PINS Date:  
Public Review Start:  Dec 15, 2017
Approval Date:  May 8, 2018
ANSI A108.01-2016, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2013)
PINS Date: Apr 11, 2014
Public Review Start: Sep 2, 2016
Approval Date: Oct 21, 2016

ANSI A108.01-2018, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2016)

ANSI A108.02-2016, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2013)
PINS Date: Oct 4, 2013
Public Review Start: Sep 2, 2016
Approval Date: Oct 21, 2016

ANSI A108.02-2018, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2016)
PINS Date: Oct 25, 2016
Public Review Start: Sep 28, 2018
Approval Date: Nov 6, 2018

ANSI A108.02-2019, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2016)
PINS Date: Mar 18, 2019
Public Review Start: Apr 5, 2019
Approval Date: Jun 18, 2019

PINS Date: Nov 11, 2016
Public Review Start: Mar 31, 2017
Approval Date: Aug 21, 2017

ANSI A108.11-2018, Interior Installation of Cementitious Backer Units (revision of ANSI A108.11-2010 (R2016))
PINS Date: Nov 11, 2016
Public Review Start: Sep 28, 2018
Approval Date: Nov 6, 2018

PINS Date: Dec 21, 2012
Public Review Start: Aug 2, 2019
Approval Date: Sep 18, 2019

PINS Date: Oct 30, 2015
Approval Date: Mar 14, 2016

PINS Date: Jul 10, 2009
Public Review Start: Aug 20, 2010
Approval Date: Dec 8, 2010

PINS Date: Oct 19, 2018
Public Review Start: Apr 5, 2019
Approval Date: Jun 18, 2019

ANSI A108.16-2020, Installation of Paper-Faced, BackMounted, EdgeMounted, or Clear Film FaceMounted GlassMosaic Tile (revision of ANSI A108.16-2005 (R2016))
PINS Date: Oct 19, 2018
Public Review Start: Jan 3, 2020
Approval Date: Feb 25, 2020

PINS Date:
Approval Date: Mar 14, 2016
PINS Date: Jul 21, 2017
Public Review Start: Jan 3, 2020
Approval Date: Feb 24, 2020

ANSI A108.1A-2017, Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (revision of ANSI A108.1A-2014)

PINS Date: Nov 11, 2016
Public Review Start: Mar 31, 2017
Approval Date: Aug 21, 2017

ANSI A108.1C-1999 (R2016), Contractor’s Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar (revision of ANSI A108.1C-1999 (R2010))
PINS Date: Public Review Start: Oct 30, 2015
Approval Date: Mar 14, 2016

ANSI A108.4-2019, Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive (new standard)
PINS Date: Dec 21, 2012
Public Review Start: Aug 2, 2019
Approval Date: Sep 18, 2019

ANSI A108.5-1999 (R2019), Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar (revision of ANSI A108.5-1999 (R2010))
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Sep 18, 2019

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Sep 18, 2019

ANSI A108.8-1999 (R2019), Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (reaffirmation of ANSI A108.8-1999 (R2010))
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Sep 18, 2019

PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Sep 18, 2019

PINS Date: Nov 23, 2018
Public Review Start: Apr 5, 2019
Approval Date: Jun 18, 2019

ANSI A118.10-2014 (R2019), Standard Specifications for Load Bearing, Bonded, Waterproof Membrane for Thin-Set Ceramic Tile and Dimension Stone Installation (reaffirmation of ANSI A118.10-2014)
PINS Date: Public Review Start: Aug 2, 2019
Approval Date: Sep 18, 2019

ANSI A118.11-2017, Standard Specification for EGP (Exterior Glue Plywood) Modified Dry-Set Mortar (revision of ANSI A118.11-1999 (R2010))
PINS Date: Aug 1, 2014
Public Review Start: Mar 31, 2017
Approval Date: Aug 21, 2017
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

ANSI A118.12-2014 (R2019), Standard Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation (reaffirmation of ANSI A118.12-2014)
PINS Date: Public Review Start: Approval Date: Aug 2, 2019 Sep 18, 2019

PINS Date: Public Review Start: Approval Date: Sep 18, 2019

ANSI A118.15-2019, Standard Specifications for Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.15-2018)
PINS Date: Public Review Start: Approval Date: Nov 23, 2018 Apr 5, 2019

PINS Date: Public Review Start: Approval Date: Aug 28, 2009 Nov 23, 2012

ANSI A118.4-2019, Standard Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2018)
PINS Date: Public Review Start: Approval Date: Nov 23, 2018 Apr 5, 2019

ANSI A118.5-1999 (R2016), Standard Specifications for Chemical Resistant Furan Mortars and Grouts for Tile Installation (reaffirmation of ANSI A118.5-1999 (R2010))
PINS Date: Public Review Start: Approval Date: Oct 30, 2015 Mar 14, 2016

ANSI A118.6-2019, Standard Specifications for Standard Cement Grouts for Tile Installation (revision of ANSI A118.6-2010 (R2016))
PINS Date: Public Review Start: Approval Date: Oct 19, 2018 Apr 5, 2019

ANSI A118.7-2019, Standard Specifications for High Performance Cement Grouts for Tile Installation (revision of ANSI A118.7-2010 (R2016))
PINS Date: Public Review Start: Approval Date: Oct 19, 2018 Apr 5, 2019

ANSI A118.8-1999 (R2016), Standard Specifications for Modified Epoxy Emulsion Mortar/Grout (reaffirmation of ANSI A118.8-1999 (R2010))
PINS Date: Public Review Start: Approval Date: Oct 30, 2015 Mar 14, 2016

ANSI A118.9-2019, Standard Specifications for Test Methods and Specifications for Cementitious Backer Units (revision of ANSI A118.9-1999 (R2016))
PINS Date: Public Review Start: Approval Date: Oct 19, 2018 Jun 21, 2019

PINS Date: Public Review Start: Approval Date: Dec 14, 2012 Feb 25, 2013

PINS Date: Public Review Start: Approval Date: Sep 13, 2013 Dec 30, 2016

PINS Date: Public Review Start: Approval Date: Sep 28, 2018 Nov 6, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Revision Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI A137.2-2018</td>
<td>Standard Specification for Glass Tile (revision of ANSI A137.2-2013)</td>
<td>PINS Date: Public Review Start: Feb 2, 2018 Approval Date: Nov 6, 2018</td>
</tr>
<tr>
<td>ANSI A137.2-2019</td>
<td>Standard Specification for Glass Tile (revision of ANSI A137.2-2013)</td>
<td>PINS Date: Public Review Start: Feb 2, 2018 Approval Date: Jun 14, 2019</td>
</tr>
</tbody>
</table>

TIA (Telecommunications Industry Association)  
www.tiaonline.org
ANSI/TIA 102.AAAB-B-2019, 102.AAAB-B Security Services Overview (new standard)
PINS Date: Jul 13, 2018
Public Review Start: Aug 31, 2018
Approval Date: Feb 5, 2019

PINS Date: Mar 6, 2015
Public Review Start: Jul 17, 2015
Approval Date: Nov 24, 2015

PINS Date: Aug 4, 2017
Public Review Start: Aug 16, 2019
Approval Date: Nov 26, 2019

ANSI/TIA 102.AABC-D-1-2016, Trunking Control Channel Messages Addendum 1 (addenda to ANSI/TIA 102.AABC-D-2015)
PINS Date: Mar 4, 2016
Public Review Start: Jun 24, 2016
Approval Date: Nov 7, 2016

ANSI/TIA 102.AABC-D-2-2017, Trunking Control Channel Messages Addendum 2 - Vehicle Sensed Emergency (addenda to ANSI/TIA 102.AABC-D-1-2016)
PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Nov 15, 2017

ANSI/TIA 102.AABC-D-3-2018, Trunking Control Channel Messages Addendum 3 - Accessory Sensed Emergency (addenda to ANSI/TIA 102.AABC-D-1-2016)
PINS Date: Nov 10, 2017
Public Review Start: Mar 16, 2018
Approval Date: May 8, 2018

PINS Date: Nov 10, 2017
Public Review Start: Nov 2, 2018
Approval Date: Apr 16, 2019

ANSI/TIA 102.AABF-D-2015, Project 25 Link Control Word Formats and Messages (revision and redesignation of ANSI/TIA 102.AABF-C-2011)
PINS Date: Jul 19, 2013
Approval Date: Feb 24, 2015

PINS Date: May 3, 2013
Public Review Start: Jun 13, 2014
Approval Date: Sep 10, 2014

PINS Date: Apr 17, 2017
Public Review Start: Apr 28, 2017
Approval Date: Jun 19, 2017

ANSI/TIA 102.BAAC-D-2017, Common Air Interface Reserved Values (revision and redesignation of ANSI/TIA 102.BAAC-C-2011)
PINS Date: Feb 26, 2016
Public Review Start: Apr 28, 2017
Approval Date: Jun 19, 2017

ANSI/TIA 102.BAAD-B-2015, Conventional Procedures (new standard)
PINS Date: May 3, 2013
Public Review Start: May 1, 2015
Approval Date: Jul 28, 2015

PINS Date: Public Review Start: Sep 6, 2013
Approval Date: Jan 27, 2014

ANSI/TIA 102.BAEA-C-2015, Data Overview and Specification (revision and redesignation of ANSI/TIA 102.BAEA-B-2012)
PINS Date: May 29, 2015
Public Review Start: Jul 31, 2015
Approval Date: Dec 9, 2015
PINS Date: Jul 5, 2019
Public Review Start: Aug 16, 2019
Approval Date: Dec 16, 2019

PINS Date: Jul 13, 2018
Public Review Start: Aug 31, 2018
Approval Date: Apr 12, 2019

PINS Date: May 29, 2015
Public Review Start: Jul 31, 2015
Approval Date: Dec 9, 2015

PINS Date: Jul 13, 2018
Public Review Start: Aug 31, 2018
Approval Date: Feb 7, 2019

PINS Date: Feb 16, 2018
Public Review Start: Dec 28, 2018
Approval Date: Mar 8, 2019

PINS Date: Jun 1, 2018
Public Review Start: Dec 28, 2018
Approval Date: Mar 8, 2019

PINS Date: Jul 5, 2019
Public Review Start: Aug 16, 2019
Approval Date: Dec 9, 2019

PINS Date: Sep 8, 2017
Public Review Start: Dec 28, 2018
Approval Date: Mar 8, 2019

ANSI/TIA 102.CAAA-C-1-2010, Digital C4FM/CQPSK Transceiver Measurement Methods - Addendum 1 - Faded Channel Simulator (addenda to ANSI/TIA 102.CAAA-C-2008)
PINS Date: Nov 27, 2009
Public Review Start: Jan 1, 2010
Approval Date: Jun 22, 2010

PINS Date: Public Review Start: Oct 23, 2015
Approval Date: Mar 2, 2016

PINS Date: May 18, 2012
Approval Date: Feb 5, 2013

ANSI/TIA 102.CCAA-B-2016, Project 25, Phase 2 Two-Slot Time Division Multiple Access, Transceiver Measurement Methods (revision and redesignation of ANSI/TIA 102.CCAA-A-2014)
PINS Date: Sep 4, 2015
Approval Date: Mar 17, 2016

PINS Date: Oct 25, 2013
Public Review Start: Dec 13, 2013
Approval Date: Mar 17, 2014
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

- PINS Date: Nov 14, 2003
- Approval Date: Feb 3, 2004

- PINS Date: Apr 1, 2011
- Public Review Start: Apr 29, 2011
- Approval Date: Aug 26, 2011

- PINS Date: Sep 28, 2012
- Public Review Start: Mar 13, 2015
- Approval Date: Aug 5, 2015

- PINS Date: May 24, 2013
- Public Review Start: Sep 11, 2015
- Approval Date: Oct 26, 2015

- PINS Date: Nov 22, 2013
- Public Review Start: Jul 8, 2016
- Approval Date: Nov 10, 2016

ANSI/TIA 1152-A-2016, Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling (revision and redesignation of ANSI/TIA 1152-2009)
- PINS Date: Jul 8, 2016

- PINS Date: Jul 3, 2015
- Public Review Start: Mar 17, 2017
- Approval Date: Aug 21, 2017

- PINS Date: Jan 22, 2016
- Public Review Start: Jul 29, 2016
- Approval Date: Mar 28, 2017

- PINS Date: Jan 22, 2016
- Public Review Start: Jul 29, 2016
- Approval Date: Mar 28, 2017

ANSI/TIA 1194-R1-2011 (R2017), Telecommunications - User Premises Equipment - Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines (reaffirmation of ANSI/TIA 1194-R1-2011)
- PINS Date: Jun 11, 2010
- Public Review Start: Nov 5, 2010
- Approval Date: Feb 11, 2011

- PINS Date: Jun 11, 2010
- Public Review Start: Nov 5, 2010
- Approval Date: Feb 11, 2011

- PINS Date: Jun 10, 2016
- Approval Date: Aug 3, 2016
PINS Date: 
Public Review Start:  Jul 11, 2014
Approval Date:  Oct 20, 2014

PINS Date: 
Public Review Start:  Jun 10, 2016
Approval Date:  Aug 3, 2016

ANSI/TIA 222-G-3-2014, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 3 (addenda to ANSI/TIA 222-G-2005 (R2012))
PINS Date:  Apr 15, 2011
Public Review Start:  Jul 11, 2014
Approval Date:  Dec 15, 2014

ANSI/TIA 222-G-4-2014, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures- Addendum 4 (addenda to ANSI/TIA 222-G-2005 (R2012))
PINS Date:  May 23, 2014
Public Review Start:  Jul 11, 2014
Approval Date:  Dec 15, 2014

PINS Date:  Jun 14, 2019
Public Review Start:  Aug 2, 2019
Approval Date:  Sep 18, 2019

PINS Date:  Dec 14, 2012
Public Review Start:  Jul 7, 2017
Approval Date:  Oct 5, 2017

ANSI/TIA 322-2016 (R2020), Loading Criteria, Analysis, and Design Related to the Installation, Alteration and Maintenance of Communication Structures (reaffirmation of ANSI/TIA 322-2016)
PINS Date:
Public Review Start:  Sep 6, 2019
Approval Date:  Nov 11, 2019

ANSI/TIA 41.000-E-9-2012, Mobile Application Part (MAP) Introduction (supplement to ANSI/TIA 41.000-E-2004)
PINS Date:  Oct 21, 2011
Public Review Start:  Dec 23, 2011
Approval Date:  May 3, 2012

ANSI/TIA 41.200-E-2007 (R2012), Mobile Application Part (MAP) - Intersystem Handoff (reaffirmation of ANSI/TIA 41.200-E-2007)
PINS Date: 
Public Review Start:  Jul 13, 2012
Approval Date:  Dec 20, 2012

PINS Date: 
Public Review Start:  Jul 13, 2012
Approval Date:  Jan 10, 2013

PINS Date:  Nov 7, 2008
Public Review Start:  May 11, 2012
Approval Date:  Aug 10, 2012

PINS Date:  
Public Review Start:  Jul 13, 2012
Approval Date:  Jan 10, 2013

PINS Date: 
Public Review Start:  Jul 13, 2012
Approval Date:  Jan 10, 2013
<table>
<thead>
<tr>
<th>Standard Code</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Status</td>
<td>PINS Date</td>
<td>Public Review Start</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>ANSI/TIA 41.335-E-2012</td>
<td>Mobile Application Part (MAP) - Voice Feature Scenarios: Calling Name Presentation, Calling Name Restriction  (new standard)</td>
<td></td>
<td>Jul 11, 2008</td>
<td>May 11, 2012</td>
</tr>
<tr>
<td>ANSI/TIA Standard</td>
<td>Title</td>
<td>Approval Dates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td>-------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| ANSI/TIA 41.550-E-1 [E]-2012 | Mobile Application Part (MAP) - Parameters Signaling Protocols (addenda to ANSI/TIA 41.550-E-2004 (R2010)) | PINS Date: Apr 13, 2007  
Public Review Start: May 11, 2012  
Approval Date: Aug 7, 2012 |
| ANSI/TIA 41.630-E-1 [E]-2012 | Mobile Application Part (MAP) - Basic Call Processing (addenda to ANSI/TIA 41.630-E-2005) | PINS Date: Apr 13, 2007  
Public Review Start: May 11, 2012  
Approval Date: Aug 2, 2012 |
| ANSI/TIA 41.550-E-2 [E]-2012 | Mobile Application Part (MAP) - Parameters Signaling Protocols (addenda to ANSI/TIA 41.550-E-2004 (R2010)) | PINS Date: Mar 13, 2009  
Public Review Start: May 11, 2012  
Approval Date: Aug 7, 2012 |
| ANSI/TIA 41.630-E-2 [E]-2012 | Mobile Application Part: Basic Call Processing (addenda to ANSI/TIA 41.630-E-2005) | PINS Date:  
Public Review Start: May 11, 2012  
Approval Date: Aug 2, 2012 |
Public Review Start: Aug 21, 2009  
Approval Date: Sep 1, 2010 |
| ANSI/TIA 41.630-E-2005 (R2012) | Wireless Radiotelecommunications Intersystem - Basic Call Procedures (reaffirmation of ANSI/TIA 41.630-E-2005) | PINS Date:  
Public Review Start: Nov 25, 2011  
Approval Date: Apr 12, 2012 |
| ANSI/TIA 41.550-E-3 [E]-2012 | Mobile Application Part (MAP) - PARAMETERS SIGNALING PROTOCOLS (addenda to ANSI/TIA 41.550-E-2004) | PINS Date:  
Public Review Start: May 11, 2012  
Approval Date: Aug 7, 2012 |
Public Review Start: May 11, 2012  
Approval Date: Aug 2, 2012 |
| ANSI/TIA 41.551-E-2004 (R2010) | Mobile Application Part - Parameter Types Signaling Protocols (reaffirmation of ANSI/TIA 41.551-E-2004) | PINS Date:  
Public Review Start: Aug 21, 2009  
Approval Date: Sep 1, 2010 |
Public Review Start: Nov 25, 2011  
Approval Date: May 3, 2012 |
| ANSI/TIA 41.590-E-2004 (R2010) | Mobile Application Part - MAP Operations Signaling Protocols (reaffirmation of ANSI/TIA 41.590-E-2004) | PINS Date:  
Public Review Start: Aug 21, 2009  
Approval Date: Sep 1, 2010 |
Public Review Start: May 11, 2012  
Approval Date: Aug 2, 2012 |
Public Review Start: Nov 25, 2011  
Approval Date: Apr 13, 2012 |
PINS Date:   Public Review Start:   Nov 25, 2011 Approval Date:   May 3, 2012

PINS Date:   Public Review Start:   Nov 25, 2011 Approval Date:   May 3, 2012

ANSI/TIA 41.651-E-1 [E]-2012, Mobile Application Part (MAP) - Voice Features (addenda to ANSI/TIA 41.651-E-2005 (R2012))
PINS Date:   Public Review Start:   May 11, 2012 Approval Date:   Aug 2, 2012

PINS Date:   Public Review Start:   Nov 25, 2011 Approval Date:   May 3, 2012

PINS Date:   Public Review Start:   Nov 25, 2011 Approval Date:   May 3, 2012

ANSI/TIA 41.690-E-1 [E]-2012, Mobile Application Part (MAP) - Timers (addenda to ANSI/TIA 41.690-E-2005 (R2012))
PINS Date:   Public Review Start:   May 11, 2012 Approval Date:   Aug 2, 2012

PINS Date:   Public Review Start:   Nov 25, 2011 Approval Date:   May 3, 2012

ANSI/TIA 41.691-E-1[E]-2012, Wireless Radiotelecommunications Intersystem Operations - Annexes (addenda to BSR/TIA 41.691-E-201x)

ANSI/TIA 41.691-E-2 [E]-2012, Mobile Application Part (MAP) - Annexes for the 6XX Series (addenda to BSR/TIA 41.691.E-200x)
PINS Date:   Apr 20, 2007 Public Review Start:   May 11, 2012 Approval Date:   Aug 2, 2012

ANSI/TIA 41.691-E-2013, Mobile Application Part (MAP) Procedure Annexes (new standard)

PINS Date:   Public Review Start:   Aug 21, 2009 Approval Date:   Sep 1, 2010

ANSI/TIA 41.730-E-2004 (R2010), Mobile Application Part - WIN Distributed Plane and Model (reaffirmation of ANSI/TIA 41.730-E-2004)
PINS Date:   Public Review Start:   Aug 21, 2009 Approval Date:   Sep 1, 2010

ANSI/TIA 41.750-E-2004 (R2010), Mobile Application Part - SSF/CCF Call and Service Logic Model (reaffirmation of ANSI/TIA 41.750-E-2004)
PINS Date:   Public Review Start:   Aug 21, 2009 Approval Date:   Sep 1, 2010
Approved American National Standards

PINS Date: Public Review Start: Aug 21, 2009 Approval Date: Sep 1, 2010

PINS Date: Jul 5, 2013 Public Review Start: Mar 17, 2017 Approval Date: Jul 12, 2017

PINS Date: Public Review Start: Jan 20, 2012 Approval Date: Mar 22, 2013

ANSI/TIA 455-104-B-2016, FOTP 104- Fiber Optic Cable Cyclic Flexing Test (revision and redesignation of ANSI/TIA 455-104-A-1993 (R2013))

PINS Date: Public Review Start: Jul 25, 2003 Approval Date: Nov 26, 2003 IEC Adoption

PINS Date: Public Review Start: Jun 27, 2014 Approval Date: Dec 5, 2014

PINS Date: Jul 12, 2013 Public Review Start: Nov 8, 2013 Approval Date: May 21, 2014 IEC Adoption

PINS Date: Public Review Start: Jun 28, 2013 Approval Date: Sep 30, 2013

PINS Date: Public Review Start: Jan 20, 2012 Approval Date: Mar 22, 2013

ANSI/TIA 455-141-1999 (R2013), Twist test for optical fiber ribbons (reaffirmation of ANSI/TIA 455-141-1999 (R2005))
PINS Date: Public Review Start: Nov 8, 2013 Approval Date: Aug 2, 2013

PINS Date: Public Review Start: Aug 22, 2014 Approval Date: Dec 5, 2014

PINS Date: Public Review Start: Jul 4, 2003 Approval Date: Aug 26, 2003 IEC Adoption

PINS Date: Public Review Start: Nov 2, 2012 Approval Date: Aug 2, 2013
PINS Date: Aug 28, 2015
Public Review Start: Aug 24, 2018
Approval Date: Mar 1, 2019

PINS Date:
Public Review Start: Jun 6, 2003
Approval Date: Aug 6, 2003

PINS Date:
Public Review Start: Sep 14, 2007
Approval Date: Apr 21, 2008
1/15/0001

PINS Date:
Public Review Start: Sep 14, 2007
Approval Date: Apr 21, 2008
1/15/0001

PINS Date:
Public Review Start: Jun 27, 2003
Approval Date: Nov 26, 2003

PINS Date: Nov 1, 2019
Public Review Start: Dec 27, 2019
Approval Date: Apr 14, 2020

PINS Date:
Public Review Start: Jun 28, 2013
Approval Date: Sep 30, 2013

PINS Date:
Public Review Start: Jun 28, 2013
Approval Date: Sep 30, 2013

PINS Date:
Public Review Start: Jun 27, 2003
Approval Date: Nov 26, 2003

PINS Date:
Public Review Start: Feb 10, 2012
Approval Date: Apr 4, 2013

PINS Date:
Public Review Start: Feb 21, 2014
Approval Date: Jun 19, 2014
ANSI/TIA 455-204-A-2013, FOTP-204 - Measurement of Bandwidth on Multimode Fiber (identical national adoption of IEC 60793-1-41)
PINS Date: Apr 15, 2011
Public Review Start: Mar 22, 2013
Approval Date: Oct 1, 2013
IEC Adoption

PINS Date: Public Review Start: Sep 21, 2007
Approval Date: Mar 28, 2008
IEC Adoption

ANSI/TIA 455-225-2015, FOTP-225 End-Face Image Analysis Procedure for the Calibration of Optical Fibre Geometry Test Sets (identical national adoption of IEC 61745)
PINS Date: Dec 12, 2014
Public Review Start: Feb 13, 2015
Approval Date: Aug 11, 2015
IEC Adoption

PINS Date: Dec 12, 2014
Public Review Start: Apr 3, 2015
Approval Date: Aug 11, 2015
IEC Adoption

PINS Date: Public Review Start: Jul 4, 2003
Approval Date: Aug 26, 2003
IEC Adoption

PINS Date: Jun 26, 2015
Public Review Start: Apr 20, 2018
Approval Date: Jul 31, 2018
IEC Adoption

PINS Date: Nov 14, 2003
Approval Date: Feb 3, 2004
IEC Adoption

PINS Date: Nov 14, 2003
Approval Date: Feb 3, 2004
IEC Adoption

PINS Date: Public Review Start: Dec 5, 2014
Approval Date: Feb 24, 2015

ANSI/TIA 455-244-2011, Express Tube Optical Loss Measurements Methods (new standard)
PINS Date: Sep 24, 2010
Public Review Start: Apr 22, 2011
Approval Date: Oct 5, 2011

PINS Date: Jun 27, 2014
Public Review Start: Jun 5, 2015
Approval Date: Feb 3, 2016

PINS Date: Public Review Start: Nov 2, 2012
Approval Date: Aug 2, 2013
ANSI/TIA 455-33-B-2005 (R2013), FOTP33 - Optical Fiber Cable Tensile Loading and Bending (reaffirmation of ANSI/TIA 455-33B-2005)
PINS Date: Public Review Start: Nov 2, 2012 Approval Date: Aug 2, 2013

PINS Date: Public Review Start: Sep 14, 2007 Approval Date: Apr 18, 2008

PINS Date: Public Review Start: Nov 2, 2012 Approval Date: Aug 2, 2013

PINS Date: Public Review Start: Nov 2, 2012 Approval Date: Aug 2, 2013

ANSI/TIA 455-3B-2009 (R2014), Procedure to Measure Temperature Cycling Effects on Optical Fiber Units, Optical Cable, and Other Passive Fiber Optic components (reaffirmation of ANSI/TIA 455-3B-2009)
PINS Date: Public Review Start: Feb 21, 2014 Approval Date: Aug 8, 2014

PINS Date: Public Review Start: Mar 11, 2016 Approval Date: Feb 16, 2017

PINS Date: Public Review Start: Nov 2, 2012 Approval Date: Aug 2, 2013

PINS Date: Public Review Start: Jul 4, 2003 Approval Date: Aug 26, 2003 IEC Adoption

PINS Date: Public Review Start: Aug 22, 2014 Approval Date: Dec 5, 2014

PINS Date: Public Review Start: Jul 4, 2003 Approval Date: Aug 26, 2003 IEC Adoption

ANSI/TIA 455-82-C-2020, FOTP-82 - Fluid Penetration Test for Fluid-Blocked Fiber Optic Cable (new standard)
PINS Date: Dec 28, 2018 Public Review Start: Nov 1, 2019 Approval Date: Apr 7, 2020

PINS Date: Public Review Start: Nov 2, 2012 Approval Date: Aug 2, 2013
PINS Date: Nov 22, 2013
Public Review Start: Sep 19, 2014
Approval Date: Dec 5, 2014

ANSI/TIA 455-87-B-1993 (R2013), Fiber Optic Cable Knot Test (reaffirmation of ANSI/TIA 455-87B-1993 (R2005))
PINS Date:
Public Review Start: Jan 20, 2012
Approval Date: Mar 22, 2013

ANSI/TIA 455-95-B-2019, Absolute Optical Power Test for Optical Fibers and Cables (new standard)
PINS Date: Jul 7, 2017
Public Review Start: Aug 18, 2017
Approval Date: Feb 15, 2019

ANSI/TIA 455-C-2014, Standard Test Procedure for Fiber Optic Fibers, Cables, Transducers, Sensors, Connecting and Terminating Devices, and Other Fiber Optic Components (new standard)
PINS Date: Feb 7, 2014
Public Review Start: Mar 28, 2014
Approval Date: Aug 15, 2014

ANSI/TIA 470.000-E-2014, Telecommunications - Telephone Terminal Equipment - Overview of Performance Standards for Analog Telephones (new standard)
PINS Date: Oct 25, 2013
Public Review Start: Dec 13, 2013
Approval Date: Mar 11, 2014

PINS Date: Nov 4, 2016
Public Review Start: Oct 20, 2017
Approval Date: Jan 17, 2018

ANSI/TIA 470.112-2013, Telecommunications – Telephone Terminal Equipment – Transmission Requirements for Wideband Analog Telephones with Handsets (new standard)
PINS Date: Dec 21, 2012
Approval Date: Nov 26, 2013

ANSI/TIA 470.120-D-2017, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Speakerphones (revision and redesignation of ANSI/TIA 470.120-C-2011)
PINS Date: Apr 15, 2016
Public Review Start: Feb 10, 2017
Approval Date: Jun 19, 2017

PINS Date: Dec 21, 2012
Public Review Start: Sep 27, 2013
Approval Date: Nov 26, 2013

ANSI/TIA 470.130-C-2008 (R2016), Telecommunications - Telephone Terminal Equipment - Headset Acoustic Performance Requirements for Analog Telephones with Headsets (reaffirmation of ANSI/TIA 470.130-C-2008)
PINS Date:
Approval Date: May 3, 2016

PINS Date: Dec 21, 2012
Public Review Start: Sep 27, 2013
Approval Date: Dec 2, 2013

ANSI/TIA 470.140-2018, Acoustic echo control requirements for analog telephones (new standard)
PINS Date: Jul 28, 2017
Public Review Start: Jun 8, 2018
Approval Date: Sep 20, 2018
<table>
<thead>
<tr>
<th>ANSI/TIA Standards</th>
<th>Standard Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANSI/TIA 4953-B-2018</strong></td>
<td>Telecommunications Communications Products Amplified Telephone Measurement Procedures and Performance Requirements</td>
<td>Jun 24, 2016</td>
<td>Nov 3, 2017</td>
<td>Jan 17, 2018</td>
</tr>
</tbody>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Aug 7, 2015
Public Review Start: Feb 17, 2017
Approval Date: Apr 18, 2017

PINS Date: Aug 7, 2015
Public Review Start: Nov 18, 2016
Approval Date: Apr 11, 2017

PINS Date: Aug 7, 2015
Public Review Start: Nov 18, 2016
Approval Date: Apr 11, 2017

ANSI/TIA 4957.500-2017, Smart Utility Network-Security (new standard)
PINS Date: Feb 19, 2016
Public Review Start: Nov 18, 2016
Approval Date: Apr 6, 2017

PINS Date: Sep 23, 2011
Public Review Start: Jul 27, 2012
Approval Date: Mar 26, 2013

PINS Date: Public Review Start: Nov 11, 2016
Approval Date: Feb 16, 2017

ANSI/TIA 4994-2015, Standard for Sustainable Information Communications Technology (new standard)
PINS Date: Dec 14, 2012
Public Review Start: Nov 7, 2014
Approval Date: Mar 18, 2015

ANSI/TIA 5017-2016, Telecommunications - Physical Network Security Standard (new standard)
PINS Date: Jul 4, 2014
Public Review Start: Dec 25, 2015
Approval Date: Feb 19, 2016

ANSI/TIA 5041-2016, FAST Digital IF Architecture and Open Standard Digital IF Interfaces (new standard)
PINS Date: Aug 14, 2015
Public Review Start: Jan 1, 2016
Approval Date: Apr 20, 2016

ANSI/TIA 5045-2017, Numeric Identifier for Conventional Analog Operation (new standard)
PINS Date: Mar 4, 2016
Public Review Start: Apr 7, 2017
Approval Date: Jun 22, 2017

ANSI/TIA 5048-2017, Automated Infrastructure Management (AIM) Systems - Requirements, Data Exchange and Applications (national adoption with modifications of ISO/IEC 18598)
PINS Date: Oct 28, 2016
Public Review Start: Mar 3, 2017
Approval Date: Jun 22, 2017
ISO JTC 1 Adoption
ANSI/TIA 5050-2018, Telecommunications, Communications Products, Receive Volume Control Requirements for Wireless (Mobile) Devices (new standard)
PINS Date: Nov 4, 2016
Public Review Start: Aug 25, 2017
Approval Date: Jan 17, 2018

ANSI/TIA 526-14-C-2015, Optical Power Loss
Measurement of Installed Multimode Fiber Cable Plant; Modification of IEC 61280-4-1 edition 2, Fiber - Optic Communications Subsystem Test Procedures - Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement (revision and redesignation of ANSI/TIA 526-14-B-2010)
PINS Date: Jul 19, 2013
Public Review Start: Dec 12, 2014
Approval Date: Feb 26, 2015
IEC Adoption

PINS Date: Jan 23, 2015
Public Review Start: Apr 17, 2015
Approval Date: Jul 29, 2015
IEC Adoption

PINS Date: Jan 23, 2015
Public Review Start: Mar 13, 2015
Approval Date: Jul 29, 2015
IEC Adoption

ANSI/TIA 568-C.2-1-2016, Balanced Twisted-Pair Telecommunications Cabling and Components Standard, Addendum 1: Specifications for 100 Next Generation Cabling (addenda to ANSI/TIA 568-C.2-2009)
PINS Date:
Public Review Start: Apr 29, 2016
Approval Date: Jun 30, 2016

PINS Date: Mar 21, 2014
Public Review Start: Jul 11, 2014
Approval Date: Nov 7, 2014

PINS Date: Feb 25, 2011
Public Review Start: Mar 25, 2011
Approval Date: Oct 13, 2011

PINS Date: Oct 21, 2016
Public Review Start: Mar 10, 2017
Approval Date: Jul 26, 2017

PINS Date: Nov 2, 2018
Public Review Start: Oct 11, 2019
Approval Date: Mar 24, 2020

PINS Date: Oct 21, 2016
Public Review Start: Oct 20, 2017
Approval Date: Mar 6, 2018
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/TIA 568.2-D-1-2019</td>
<td>Balun Requirements for Category 8 Testing (addenda to ANSI/TIA 568.2-D-2018)</td>
<td>Nov 2, 2018</td>
<td>Dec 28, 2018</td>
<td>Apr 9, 2019</td>
</tr>
<tr>
<td>ANSI/TIA 598-D-1-2018</td>
<td>Optical Fiber Color Coding in Cable, Addendum 1, for Additional Colors for Fibers 13-16 (addenda to ANSI/TIA 598-D-2014)</td>
<td>Dec 12, 2014</td>
<td>Apr 20, 2018</td>
<td>Aug 10, 2018</td>
</tr>
</tbody>
</table>
ANSI/TIA 664-000-B-3-2007 (R2013), Wireless Features
Description – Addendum 3 (reaffirmation of ANSI/TIA 664-000-B-3-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 22, 2013

ANSI/TIA 664-100-B-2007 (R2013), Wireless Features
Description: Background and Assumptions (reaffirmation of ANSI/TIA 664-100-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 16, 2013

ANSI/TIA 664-501-B-2007 (R2013), Wireless Features
Description: Call Delivery (CD) (reaffirmation of ANSI/TIA 664-501-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 16, 2013

ANSI/TIA 664-502-B-2007 (R2013), Wireless Features
Description: Call Forwarding—Busy (CFB) (reaffirmation of ANSI/TIA 664-502-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 22, 2013

ANSI/TIA 664-503-B-2007 (R2013), Wireless Features
Description: Call Forwarding—Default (CFD) (reaffirmation of ANSI/TIA 664-503-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 24, 2013

ANSI/TIA 664-504-B-2007 (R2013), Wireless Features
Description: Call Forwarding—No Answer (CFNA) (reaffirmation of ANSI/TIA 664-504-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 24, 2013

ANSI/TIA 664-505-B-2007 (R2013), Wireless Features
Description: Call Forwarding—Unconditional (CFU) (reaffirmation of ANSI/TIA 664-505-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 24, 2013

ANSI/TIA 664-506-B-2007 (R2013), Wireless Features
Description: Call Transfer (CT) (reaffirmation of ANSI/TIA 664-506-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 24, 2013

ANSI/TIA 664-507-B-2007 (R2012), Wireless Features
Description: Call Waiting (CW) (reaffirmation of ANSI/TIA 664-507-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Dec 20, 2012

ANSI/TIA 664-508-B-2007 (R2013), Wireless Features
Description: Calling Number Identification Presentation (CNIP) (reaffirmation of ANSI/TIA 664-508-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 24, 2013

ANSI/TIA 664-509-B-2007 (R2013), Wireless Features
Description: Calling Number Identification Restriction (CNIR) (reaffirmation of ANSI/TIA 664-509-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 24, 2013

ANSI/TIA 664-510-B-2007 (R2013), Wireless Features
Description: Conference Calling (CC) (reaffirmation of ANSI/TIA 664-510-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 24, 2013

ANSI/TIA 664-511-B-2007 (R2013), Wireless Features
Description: Do Not Disturb (DND) (reaffirmation of ANSI/TIA 664-511-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 28, 2013

ANSI/TIA 664-512-B-2007 (R2013), Wireless Features
Description: Flexible Alerting (FA) (reaffirmation of ANSI/TIA 664-512-B-2007)
PINS Date: Public Review Start:   Sep 7, 2012
Approval Date:   Jan 28, 2013
ANSI/TIA 664-513-B-2007 (R2013), Wireless Features
Description: Message Waiting Notification (MWN)
(reaffirmation of ANSI/TIA 664-513-B-2007)
PINS Date: Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-514-B-2007 (R2013), Wireless Features
Description: Mobile Access Hunting (MAH) (reaffirmation of ANSI/TIA 664-514-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Apr 4, 2013

ANSI/TIA 664-515-B-2007 (R2013), Wireless Features
Description: Password Call Acceptance (PCA)
(reaffirmation of ANSI/TIA 664-515-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-516-B-2007 (R2013), Wireless Features
Description: Preferred Language (PL) (reaffirmation of ANSI/TIA 664-516-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-517-B-2007 (R2013), Wireless Features
Description: Priority Access and Channel Assignment (PACA) (reaffirmation of ANSI/TIA 664-517-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-518-B-2007 (R2013), Wireless Features
Description: Remote Feature Control (RFC) (reaffirmation of ANSI/TIA 664-518-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-519-B-2007 (R2013), Wireless Features
Description: Selective Call Acceptance (SCA) (reaffirmation of ANSI/TIA 664-519-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-520-B-2007 (R2013), Wireless Features
Description: Subscriber PIN Access (SPINA) (reaffirmation of ANSI/TIA 664-520-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-521-B-2007 (R2013), Wireless Features
Description: Subscriber PIN Intercept (SPINI)” (reaffirmation of ANSI/TIA 664-521-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 28, 2013

ANSI/TIA 664-522-B-2007 (R2013), Wireless Features
Description: Three-Way Calling (3WC) (reaffirmation of ANSI/TIA 664-522-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 29, 2013

ANSI/TIA 664-523-B-2007 (R2013), Wireless Features
Description: Voice Message Retrieval (VMR) (reaffirmation of ANSI/TIA 664-523-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 29, 2013

ANSI/TIA 664-524-B-2007 (R2013), Wireless Features
Description: Voice Privacy (VP)” (reaffirmation of ANSI/TIA 664-524-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 29, 2013

ANSI/TIA 664-525-B-2007 (R2013), Wireless Features
Description: Asynchronous Data Service (ADS) (reaffirmation of ANSI/TIA 664-525-B-2007)
PINS Date:
Public Review Start: Sep 7, 2012
Approval Date: Jan 29, 2013

ANSI/TIA 664-526-B-2007 (R2013), Wireless Features
Description: Calling Name Presentation (CNAP)
(reaffirmation of ANSI/TIA 664-526-B-2007)
PINS Date:
Public Review Start: Feb 1, 2013
Approval Date: Apr 4, 2013
<table>
<thead>
<tr>
<th>Description</th>
<th>PINS Date</th>
<th>Approval Date</th>
<th>Public Review Start</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calling Name Presentation (CNAP)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Feb 6, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Privacy (DP)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 29, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Services (9-1-1)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 30, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 3 Facsimile Service (G3 Fax)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 30, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network Directed System Selection (NDSS)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 30, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-public Service Mode (NP)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 30, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Over-the-Air Service Provisioning (OTASP)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 30, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Negotiation (SN)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 31, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 3 Analog Facsimile Service (G3 AFax)</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 31, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wireless Intelligent Network Feature Descriptions</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 31, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short Message Delivery</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 31, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wireless Messaging Teleservice</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Jan 31, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wireless Paging Teleservice</td>
<td>Public Review Start: Sep 7, 2012 Approval Date: Feb 1, 2013</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANSI/TIA 664-701-B-2007 (R2013), Wireless Features
Description: Mobile Station Functionality (reaffirmation of ANSI/TIA 664-701-B-2007)
PINS Date: Public Review Start: Sep 7, 2012 Approval Date: Feb 1, 2013

ANSI/TIA 664-801-B-2007 (R2013), Wireless Features
Description: System Functionality (reaffirmation of ANSI/TIA 664-801-B-2007)
PINS Date: Public Review Start: Sep 7, 2012 Approval Date: Feb 1, 2013

ANSI/TIA 664-802-B-2007 (R2013), Wireless Features
Description: Subscriber Confidentiality (reaffirmation of ANSI/TIA 664-802-B-2007)
PINS Date: Public Review Start: Sep 7, 2012 Approval Date: Feb 1, 2013

ANSI/TIA 664-803-B-2007 (R2013), Wireless Features
Description: Network Services (reaffirmation of ANSI/TIA 664-803-B-2007)
PINS Date: Public Review Start: Sep 7, 2012 Approval Date: Feb 1, 2013

PINS Date: Public Review Start: Sep 7, 2012 Approval Date: Feb 4, 2013

Description: CDMA Packet Data Service (reaffirmation of ANSI/TIA 664-805-A-2007)
PINS Date: Public Review Start: Sep 14, 2012 Approval Date: Feb 4, 2013

ANSI/TIA 664-806-2007 (R2013), Wireless Features
Description: Over-the-Air Parameter Administration (reaffirmation of ANSI/TIA 664-806-2007)
PINS Date: Public Review Start: Sep 7, 2012 Approval Date: Feb 4, 2013

PINS Date: May 6, 2011 Public Review Start: Jun 3, 2011 Approval Date: Aug 9, 2011

PINS Date: Apr 9, 2010 Public Review Start: Nov 18, 2011 Approval Date: Mar 27, 2012

PINS Date: Public Review Start: Apr 15, 2016 Approval Date: Jun 14, 2016

PINS Date: Public Review Start: Apr 15, 2016 Approval Date: Jun 14, 2016

ANSI/TIA 862-B-1-2017, Structured Cabling Infrastructure Standard for Intelligent Building Systems, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 862-B-2016)
PINS Date: Mar 10, 2017 Public Review Start: Jul 7, 2017 Approval Date: Oct 27, 2017

PINS Date: 
Public Review Start: Sep 14, 2012
Approval Date: Feb 4, 2013

PINS Date: Mar 28, 2014
Public Review Start: Jun 5, 2015
Approval Date: Aug 5, 2015

ANSI/TIA 920.000-B-2015, Telecommunications - Communications Products - Overview of Transmission Requirements for Digital Interface Communications Devices (new standard)
PINS Date: May 24, 2013
Public Review Start: Mar 20, 2015
Approval Date: Oct 26, 2015

ANSI/TIA 920.110-B-2015, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Handsets (new standard)
PINS Date: May 24, 2013
Public Review Start: Sep 4, 2015
Approval Date: Oct 22, 2015

ANSI/TIA 920.120-B-2017, Telecommunications - Communications Products - Transmission Requirements for Digital Interface Communications Devices with Speakerphone (new standard)
PINS Date: May 24, 2013
Public Review Start: Nov 4, 2016
Approval Date: Feb 2, 2017

PINS Date: Nov 4, 2016
Public Review Start: Jan 5, 2018
Approval Date: Mar 16, 2018

ANSI/TIA 920.130-B-2018, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Headsets (new standard)
PINS Date: May 24, 2013
Public Review Start: Dec 29, 2017
Approval Date: Apr 17, 2018

PINS Date: 
Approval Date: Apr 12, 2016

PINS Date: 
Public Review Start: Jul 13, 2012
Approval Date: Oct 19, 2012

PINS Date: 
Public Review Start: Nov 9, 2012
Approval Date: Mar 26, 2013

PINS Date: 
Public Review Start: Mar 10, 2017
Approval Date: Jul 12, 2017

ANSI/TIA 968-B-1-2012 (R2017), Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 1 (reaffirmation of ANSI/TIA 968-B-1-2012)
PINS Date: 
Approval Date: Feb 16, 2017
ANSI/TIA 968-B-2-2015, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 2 (supplement to ANSI/TIA 968-B-1-2012)
PINS Date: Public Review Start: Jan 21, 2015
Approval Date: Nov 21, 2014

ANSI/TIA 968-B-2009 (R2016), Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network (reaffirmation of ANSI/TIA 968-B-2009)
PINS Date: Public Review Start: Apr 15, 2016
Approval Date: Nov 7, 2016

ANSI/TIA 968-B-3-2016, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 3 (addenda to ANSI/TIA 968-B-2009)
PINS Date: Public Review Start: Dec 25, 2015
Approval Date: Mar 23, 2016

PINS Date: Public Review Start: Feb 8, 2019
Approval Date: May 7, 2019

PINS Date: Public Review Start: Feb 8, 2019
Approval Date: May 7, 2019

PINS Date: Public Review Start: Feb 8, 2019
Approval Date: May 7, 2019

PINS Date: Nov 30, 2018
Public Review Start: Feb 8, 2019
Approval Date: May 7, 2019

ANSI/TIA J-STD-025-B-3-2013 (R2019), Lawfully Authorized Electronic Surveillance (LAES)-Addendum 3 - Support for BSID or Subnet (reaffirmation of ANSI/TIA J-STD-025-B-3-2013)
PINS Date: Dec 7, 2018
Public Review Start: May 31, 2019
Approval Date: Sep 10, 2019

PINS Date: Public Review Start: Nov 28, 2003
Approval Date: Feb 3, 2004
IEC Adoption

PINS Date: Public Review Start: Nov 28, 2003
Approval Date: Feb 3, 2004
IEC Adoption

TMA (The Monitoring Association)
www.csaaul.org

PINS Date: Jul 11, 2008
Approval Date: Jul 27, 2016
<table>
<thead>
<tr>
<th>Standard Reference</th>
<th>Standard Title and Version</th>
<th>Approval Date</th>
<th>Public Review Start</th>
<th>PINS Date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Safety Requirements for Abrading Materials with Coated Abrasive Systems (reaffirmation of ANSI B7.7-2003 (R2011))</td>
<td></td>
<td></td>
<td>Oct 12, 2018</td>
<td></td>
</tr>
</tbody>
</table>

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 907
UAMA (ASC B74)  (Unified Abrasives Manufacturers' Association )
www.uama.org

ANSI B74.10-2015, Specification for Grading of Abrasive Grain (revision of ANSI B74.10-2010)
PINS Date: Apr 17, 2015
Public Review Start: Aug 21, 2015
Approval Date: Oct 30, 2015

ANSI B74.11-2014, Specifications for Tumbling Chip Abrasives (revision of ANSI B74.11-1993 (R2009))
PINS Date: May 17, 2013
Approval Date: Jun 18, 2014

ANSI B74.12-2018, Specifications for the Size of Abrasive Grain-Grining Wheels, Polishing and General Industrial Uses (revision of ANSI B74.12-2012)
PINS Date: Oct 13, 2017
Public Review Start: Mar 30, 2018
Approval Date: Jul 20, 2018

ANSI B74.13-2016, Markings for Identifying Grinding Wheels and Other Bonded Abrasives (revision of ANSI B74.13-1990 (R2007))
PINS Date: Feb 21, 2014
Public Review Start: Nov 13, 2015
Approval Date: Oct 21, 2016

PINS Date: Sep 13, 2019
Public Review Start: Jan 6, 2020
Approval Date: Feb 27, 2013

ANSI B74.16-2002 (R2014), Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain (reaffirmation of ANSI B74.16-2002 (R2007))
PINS Date: Apr 19, 2013
Public Review Start: Feb 6, 2014

ANSI B74.18-2018, Grading of Certain Abrasive Grain on Coated Abrasive Material (revision of ANSI B74.18-2016)
PINS Date: Oct 13, 2017
Public Review Start: Dec 29, 2017
Approval Date: Apr 5, 2018

ANSI B74.19-2016, Test for Determining the Magnetic Content of Abrasive Grains (revision of ANSI B74.19-2002 (R2007))
PINS Date: May 17, 2013
Public Review Start: Nov 6, 2015
Approval Date: May 23, 2016

ANSI B74.20 -2004 (R2016), Specification for Diamond and CBN Powders in Sub-Sieve Sizes (reaffirmation of ANSI B74.20-2004 (R2010))
PINS Date: Nov 6, 2015
Approval Date: Oct 21, 2016

ANSI B74.21-2002 (R2014), Fatigue Proof Test Procedure for Vitrified Wheels (reaffirmation of ANSI B74.21-2002 (R2007))
PINS Date: Feb 21, 2014
Approval Date: Jun 19, 2014

ANSI B74.22-1991 (R2014), Design Test for Type 27 Portable Grinding Wheels (reaffirmation of ANSI B74.22-1991 (R2007))
PINS Date: Feb 21, 2014
Approval Date: Jun 19, 2014

PINS Date: Apr 19, 2013
Approval Date: Feb 6, 2014
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI B74.3-2003 (R2014)</td>
<td>Specifications for Shapes and Sizes of Diamond or CBN Abrasive Products (reaffirmation of ANSI B74.3-2003 (R2009))</td>
<td>Oct 12, 2018</td>
<td>May 31, 2019</td>
<td>Sep 17, 2019</td>
</tr>
<tr>
<td>ANSI/ISA 60079-0 (12.00.01)-2013, Explosive Atmospheres - Part 0: Equipment - General Requirements (national adoption of IEC 60079-0 with modifications and revision of ANSI/ISA 60079-0 (12.00.01)-2009)</td>
<td>Jun 29, 2012</td>
<td>Apr 5, 2013</td>
<td>Jul 26, 2013</td>
<td></td>
</tr>
</tbody>
</table>

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 909
PINS Date: Feb 11, 2011
Approval Date: Feb 15, 2013
IEC Adoption

ANSI/ISA 60079-18 (12.23.01)-2012, Explosive atmospheres - Part 18: Equipment protection by encapsulation "m" (national adoption of IEC 60079-18 with modifications and revision of ANSI/ISA-60079-18 (12.23.01)-2009)
PINS Date: Feb 8, 2013
Public Review Start: Jan 27, 2012
Approval Date: Sep 14, 2012
IEC Adoption

PINS Date: Feb 8, 2013
Public Review Start: May 17, 2013
Approval Date: Aug 21, 2013
IEC Adoption

ANSI/ISA 60079-6 (12.00.05)-2009 (R2013), Explosive atmospheres - Part 6: Equipment protection by oil-immersion "o" (reaffirmation of ANSI/ISA 60079-6 (12.00.05)-2009)
PINS Date: Sep 6, 2013
Public Review Start: Nov 22, 2013
Approval Date: May 31, 2013
IEC Adoption

ANSI/ISA 60079-7 (12.16.01)-2008 (R2013), Explosive Atmospheres - Part 7: Equipment protection by increased safety "e" (reaffirmation of ANSI/ISA 60079-7 (12.16.01)-2008)
PINS Date: Dec 14, 2012
Public Review Start: May 31, 2013
Approval Date: May 31, 2013
IEC Adoption

ANSI/ISA 61010-2-030-2012 (82.02.03), Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular requirements for testing and measuring circuits (national adoption with modifications of IEC 61010-2-030)
PINS Date: Dec 30, 2011
Public Review Start: Feb 10, 2012
Approval Date: May 11, 2012
IEC Adoption

ANSI/ISA 61241-1 (12.10.03)-2007 (R2015), Electrical Apparatus for Use in Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Enclosures "tD" (reaffirmation of ANSI/ISA 61241-1 (12.10.03)-2007 (R2011))
PINS Date: May 22, 2015
Approval Date: Sep 29, 2015
IEC Adoption

ANSI/ISA 61241-11 (12.10.04)-2007 (R2015), Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Intrinsic Safety "iD" (reaffirmation of ANSI/ISA 61241-11 (12.10.04)-2007 (R2011))
PINS Date: May 22, 2015
Approval Date: Sep 29, 2015
IEC Adoption

ANSI/ISA 61241-18 (12.10.07)-2007 (R2015), Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Intrinsic Safety "mD" (reaffirmation of ANSI/ISA 61241-18 (12.10.07)-2007 (R2011))
PINS Date: May 22, 2015
Approval Date: Sep 29, 2015
IEC Adoption

ANSI/ISA 61241-2 (12.10.06)-2007 (R2015), Electrical Apparatus for Use in Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Pressurization "pD" (reaffirmation of ANSI/ISA 61241-2 (12.10.06)-2007 (R2011))
PINS Date: May 22, 2015
Approval Date: Sep 29, 2015
IEC Adoption
PINS Date: 
Public Review Start: May 12, 2017
Approval Date: Aug 17, 2017

ANSI/UL 1-2020, Standard for Flexible Metal Conduit (revision of ANSI/UL 1-2017)
PINS Date: 
Public Review Start: Nov 8, 2019
Approval Date: Jan 16, 2020

ANSI/UL 100-2012 (R2016), Standard for Safety for Sustainability for Gypsum Boards and Panels (reaffirmation of ANSI/UL 100-2012)
PINS Date: 
Public Review Start: Aug 12, 2016
Approval Date: Oct 10, 2016

PINS Date: 
Public Review Start: Jan 30, 2015
Approval Date: Jun 16, 2015

PINS Date: 
Approval Date: Jun 20, 2016

PINS Date: 
Approval Date: Mar 6, 2017

PINS Date: 
Public Review Start: Nov 18, 2016
Approval Date: Mar 6, 2017

PINS Date: 
Public Review Start: Jan 27, 2017
Approval Date: Mar 6, 2017

PINS Date: 
Public Review Start: Jun 23, 2017
Approval Date: Aug 22, 2017

PINS Date: 
Public Review Start: Feb 23, 2018
Approval Date: Aug 6, 2018

PINS Date: 
Public Review Start: Jun 22, 2018
Approval Date: Aug 6, 2018

PINS Date: Dec 21, 2018
Public Review Start: Oct 18, 2019
Approval Date: Jan 23, 2020

PINS Date: 
Public Review Start: Oct 18, 2019
Approval Date: Jan 30, 2020

ANSI/UL 1004-3-2015, Standard for Safety for Thermally Protected Motors (Proposal dated 11-7-14) (revision of ANSI/UL 1004-3-2012b)
PINS Date: 
Public Review Start: Nov 7, 2014
Approval Date: Feb 25, 2015
PINS Date: Nov 10, 2017
Approval Date: Jan 29, 2018

ANSI/UL 1004-4-2015, Standard for Safety for Electric Generators (Proposal dated 3-6-15) (revision of ANSI/UL 1004-4-2011)
PINS Date: Mar 6, 2015
Approval Date: May 18, 2015

PINS Date: Feb 23, 2018
Approval Date: Jun 29, 2018

ANSI/UL 1004-4-2018a, Standard for Safety for Electric Generators (revision of ANSI/UL 1004-4-2015)
PINS Date: May 18, 2018
Approval Date: Jun 29, 2018

PINS Date: Jan 22, 2016
Approval Date: Aug 30, 2016

PINS Date: Jul 15, 2016
Approval Date: Aug 30, 2016

PINS Date: Mar 13, 2020
Approval Date: May 6, 2020

ANSI/UL 1004-6-2012 (R2017), Standard for Servo and Stepper Motors (proposal dated 12-2-16) (reaffirmation of ANSI/UL 1004-6-2012)
PINS Date: Dec 2, 2016
Approval Date: Jan 23, 2017

ANSI/UL 1004-7-2015, Standard for Safety for Electronically Protected Motors (proposal dated 3-13-15) (revision of ANSI/UL 1004-7-2012)
PINS Date: Mar 13, 2015
Approval Date: Jun 1, 2015

ANSI/UL 1004-7-2016, Standard for Safety for Electronically Protected Motors (Proposal dated 3-11-16) (revision of ANSI/UL 1004-7-2015)
PINS Date: May 11, 2016
Approval Date: May 23, 2016

ANSI/UL 1004-7-2017, Standard for Safety for Electronically Protected Motors (proposal dated 8-11-17) (revision of ANSI/UL 1004-7-2016)
PINS Date: Aug 11, 2017
Approval Date: Oct 2, 2017

ANSI/UL 1004-8-2009 (R2018), Standard for Safety for Inverter Duty Motors (reaffirmation of ANSI/UL 1004-8-2009 (R2014))
PINS Date: Sep 28, 2018
Approval Date: Dec 6, 2018

ANSI/UL 1004-9-2016, Standard for Safety for Form Wound and Medium Voltage Rotating Electrical Machines (new standard)
PINS Date: Feb 27, 2015
Approval Date: Jan 27, 2016

ANSI/UL 1008-2014a, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2012b)
PINS Date: Nov 14, 2014
Approval Date: Dec 22, 2014
ANSI/UL 1008-2014b, *Standard for Safety for Transfer Switch Equipment* (revision of ANSI/UL 1008-2012b)
PINS Date: 
Public Review Start: Nov 8, 2013
Approval Date: Dec 22, 2014

PINS Date: 
Public Review Start: May 22, 2015
Approval Date: Oct 15, 2015

PINS Date: 
Public Review Start: Jan 19, 2018
Approval Date: Sep 14, 2019

PINS Date: 
Public Review Start: May 27, 2016
Approval Date: Sep 5, 2017

PINS Date: 
Public Review Start: May 5, 2017
Approval Date: Sep 5, 2017

PINS Date: 
Public Review Start: Dec 6, 2019
Approval Date: Feb 18, 2020

PINS Date: 
Public Review Start: Nov 24, 2017
Approval Date: Jan 19, 2018

PINS Date: 
Public Review Start: May 12, 2017
Approval Date: Jul 31, 2017

PINS Date: 
Public Review Start: Aug 10, 2018
Approval Date: Oct 2, 2018

ANSI/UL 1012-2012 (R2016), *Standard for Safety for Power Units Other than Class 2* (reaffirmation of ANSI/UL 1012-2012)
PINS Date: 
Approval Date: Apr 4, 2016

PINS Date: 
Public Review Start: May 30, 2014
Approval Date: Apr 13, 2015

ANSI/UL 1017-2015a, *Standard for Safety for Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines* (revision of ANSI/UL 1017-2010a)
PINS Date: 
Public Review Start: Nov 7, 2014
Approval Date: Apr 13, 2015
PINS Date: Public Review Start: Apr 14, 2017 Approval Date: Sep 15, 2017

ANSI/UL 1022-2012 (R2016), Standard for Safety for Line Isolation Monitors (reaffirmation of ANSI/UL 1022-2012)
PINS Date: Public Review Start: Jun 17, 2016 Approval Date: Aug 3, 2016

PINS Date: Public Review Start: Mar 17, 2017 Approval Date: Sep 1, 2017

ANSI/UL 1023-2017a, Standard for Safety for Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2013a)
PINS Date: Public Review Start: Jun 30, 2017 Approval Date: Sep 1, 2017

PINS Date: Public Review Start: Apr 17, 2015 Approval Date: Aug 10, 2015

PINS Date: Public Review Start: Aug 21, 2015 Approval Date: Jan 20, 2016

ANSI/UL 1026-2016a, Standard for Safety for Electric Household Cooking and Food Serving Appliances (Proposals dated 11/20/15) (revision of ANSI/UL 1026)
PINS Date: Public Review Start: Nov 20, 2015 Approval Date: Jan 20, 2016

PINS Date: Public Review Start: Mar 11, 2016 Approval Date: Aug 1, 2016

ANSI/UL 1026-2016c, Standard for Safety for Electric Household Cooking and Food Serving Appliances (Proposals dated 4/15/16) (revision of ANSI/UL 1026)
PINS Date: Public Review Start: Apr 15, 2016 Approval Date: Aug 1, 2016

PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Apr 10, 2017

PINS Date: Public Review Start: Jul 21, 2017 Approval Date: Aug 24, 2017

PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Feb 2, 2018

PINS Date: Public Review Start: Dec 22, 2017 Approval Date: Feb 2, 2018

PINS Date: Public Review Start: May 18, 2018 Approval Date: Jul 17, 2018
PINS Date: Public Review Start: Mar 29, 2019 Approval Date: Jun 6, 2019

ANSI/UL 1029-2012 (R2017), Standard for Safety for High-Intensity-Discharge Lamp Ballasts (reaffirmation of ANSI/UL 1029-2012)
PINS Date: Public Review Start: Mar 17, 2017 Approval Date: May 17, 2017

ANSI/UL 103-2012 (R2017), Standard for Safety for Factory-Built Chimneys for Residential Type and Building Heating Appliances (reaffirmation of ANSI/UL 103-2012)
PINS Date: Public Review Start: Dec 9, 2016 Approval Date: Mar 15, 2017

PINS Date: Public Review Start: Feb 6, 2015 Approval Date: Mar 31, 2015

PINS Date: Public Review Start: Aug 18, 2017 Approval Date: Sep 28, 2017

PINS Date: Public Review Start: Dec 29, 2017 Approval Date: Oct 31, 2019

PINS Date: Public Review Start: Sep 5, 2014 Approval Date: Jul 8, 2015

PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 3, 2020

ANSI/UL 1037-2016, Standard for Safety for Antitheft Alarms and Devices (revision of ANSI/UL 1037-2004 (R2009))
PINS Date: Public Review Start: Jan 16, 2015 Approval Date: Sep 9, 2016

ANSI/UL 1037-2017, Standard for Safety for Antitheft Alarms and Devices (revision of ANSI/UL 1037-2016)
PINS Date: Public Review Start: May 19, 2017 Approval Date: Sep 15, 2017

ANSI/UL 104-2016, Standard for Safety for Elevator Door Locking Devices and Contacts (new standard)
PINS Date: Public Review Start: Mar 11, 2016 Approval Date: May 20, 2016

PINS Date: Public Review Start: Dec 9, 2016 Approval Date: Apr 26, 2017

PINS Date: Public Review Start: Jun 10, 2016 Approval Date: Dec 14, 2016

ANSI/UL 1042-2016a, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2014)
PINS Date: Public Review Start: Oct 28, 2016 Approval Date: Dec 14, 2016
ANSI/UL 1046-2012 (R2017), Standard for Grease Filters for Exhaust Ducts (reaffirmation of ANSI/UL 1046-2012)  
PINS Date:  
Public Review Start: Jan 27, 2017  
Approval Date: Mar 22, 2017

PINS Date:  
Approval Date: Oct 15, 2015

ANSI/UL 1053-2011 (R2015), Standard For Safety For Ground-Fault Sensing and Relaying Equipment (reaffirmation of ANSI/UL 1053-2011a)  
PINS Date:  
Approval Date: Nov 19, 2015

ANSI/UL 1054-2008 (R2013), Special-Use Switches (reaffirmation of ANSI/UL 1054-2008)  
PINS Date:  
Public Review Start: Jan 25, 2013  
Approval Date: Mar 18, 2013

PINS Date:  
Public Review Start: Jan 24, 2014  
Approval Date: Dec 8, 2017

PINS Date:  
Approval Date: Dec 8, 2017

PINS Date:  
Public Review Start: Aug 9, 2019  
Approval Date: Nov 26, 2019

PINS Date:  
Public Review Start: Apr 10, 2020  
Approval Date: May 22, 2020

ANSI/UL 1062-2014 (R2019), Standard for Safety for Unit Substations (reaffirmation of ANSI/UL 1062-2014)  
PINS Date:  
Public Review Start: Oct 12, 2018  
Approval Date: Feb 11, 2019

PINS Date:  
Public Review Start: Apr 15, 2016  
Approval Date: May 19, 2017

PINS Date:  
Public Review Start: Nov 18, 2016  
Approval Date: May 19, 2017

PINS Date:  
Public Review Start: Jun 2, 2017  
Approval Date: Jul 13, 2017

PINS Date:  
Public Review Start: May 11, 2018  
Approval Date: Jul 2, 2018

PINS Date:  
Public Review Start: Feb 14, 2020  
Approval Date: Jun 4, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>(revision of) Previous Standard</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 1069-2018</td>
<td>The Standard for Safety for Hospital Signaling and Nurse Call Equipment</td>
<td>ANSI/UL 1069-2017</td>
<td></td>
<td>Apr 27, 2018</td>
<td>Jun 8, 2018</td>
</tr>
<tr>
<td>ANSI/UL 1069-2019</td>
<td>The Standard for Safety for Hospital Signaling and Nurse Call Equipment</td>
<td>ANSI/UL 1069-2018</td>
<td></td>
<td>Nov 30, 2018</td>
<td>Apr 26, 2019</td>
</tr>
<tr>
<td>ANSI/UL 1076-2015</td>
<td>Standard for Safety for Proprietary Burglar Alarm Units and Systems</td>
<td>ANSI/UL 1076-2010</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
- PINS Date: Public Review Start: Dec 5, 2014
- Approval Date: Apr 6, 2018

ANSI/UL 1076-2018a, Standard For Proprietary Burglar Alarm Units And Systems (revision of ANSI/UL 1076-2015)
- PINS Date: Public Review Start: Oct 23, 2015
- Approval Date: Apr 6, 2018

- PINS Date: Public Review Start: Feb 13, 2015
- Approval Date: Jun 25, 2015

- PINS Date: Public Review Start: Mar 11, 2016
- Approval Date: Aug 18, 2016

- PINS Date: Public Review Start: Jun 17, 2016
- Approval Date: Aug 18, 2016

ANSI/UL 1081-2016, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2014)
- PINS Date: Public Review Start: Jan 22, 2016
- Approval Date: Aug 9, 2016

ANSI/UL 1081-2016a, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2016)
- PINS Date: Public Review Start: Sep 16, 2016
- Approval Date: Oct 21, 2016

ANSI/UL 1081-2017, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2016a)
- PINS Date: Public Review Start: Feb 3, 2017
- Approval Date: May 26, 2017

- PINS Date: Public Review Start: Apr 21, 2017
- Approval Date: May 26, 2017

- PINS Date: Public Review Start: Jul 14, 2017
- Approval Date: Oct 20, 2017

- PINS Date: Public Review Start: Aug 11, 2017
- Approval Date: Oct 20, 2017

- PINS Date: Public Review Start: Sep 15, 2017
- Approval Date: Oct 20, 2017

- PINS Date: Public Review Start: Sep 26, 2014
- Approval Date: Mar 27, 2015
ANSI/UL 1082-2015a, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals dated 2-6-15) (revision of ANSI/UL 1082-2011)
PINS Date: Public Review Start: Feb 6, 2015 Approval Date: Mar 27, 2015

ANSI/UL 1082-2015, Standard for Safety for Household Electric Coffee Makers and Brewing Type Appliances (Proposals dated 9/30/16) (revision of ANSI/UL 1082-2016)
PINS Date: Public Review Start: Sep 30, 2016 Approval Date: Mar 24, 2017

PINS Date: Public Review Start: Mar 11, 2016 Approval Date: Sep 2, 2016

ANSI/UL 1082-2016a, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals dated 5/13/16) (revision of ANSI/UL 1082-2015a)
PINS Date: Public Review Start: May 13, 2016 Approval Date: Sep 29, 2016

PINS Date: Public Review Start: Jul 29, 2016 Approval Date: Sep 29, 2016

ANSI/UL 1082-2016c, Standard for Safety for Household Electric Coffee Makers and Brewing Type Appliances, Proposals Dated 8/19/16 (revision of ANSI/UL 1082-2015)
PINS Date: Public Review Start: Aug 19, 2016 Approval Date: Sep 29, 2016

PINS Date: Public Review Start: Apr 15, 2016 Approval Date: Sep 29, 2016

PINS Date: Public Review Start: Mar 11, 2016 Approval Date: Jul 15, 2016

ANSI/UL 1083-2016a, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 4/15/16) (revision of ANSI/UL 1083-2013)
PINS Date: Public Review Start: Apr 15, 2016 Approval Date: Jul 15, 2016

ANSI/UL 1083-2016b, Standard for Safety for Household Electric Skillets and Frying-Type Appliances, Proposals Dated 8/5/16 (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Aug 5, 2016 Approval Date: Oct 4, 2016

PINS Date: Public Review Start: Feb 6, 2016 Approval Date: Mar 27, 2016

ANSI/UL 1083-2016d, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 2-6-16) (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Feb 6, 2016 Approval Date: Mar 27, 2016

ANSI/UL 1083-2016e, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 9-14-16) (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Sep 14, 2016 Approval Date: Nov 25, 2016

ANSI/UL 1083-2016f, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 10-1-16) (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Oct 1, 2016 Approval Date: Nov 25, 2016

ANSI/UL 1083-2016g, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 10-21-16) (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Oct 21, 2016 Approval Date: Nov 25, 2016

ANSI/UL 1083-2016h, Standard for Safety for Household Electric Skillets and Frying-Type Appliances, Proposals Dated 1/25/17 (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Jan 25, 2017 Approval Date: Feb 6, 2017

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Mar 24, 2017

ANSI/UL 1083-2016j, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 12-21-16) (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Dec 21, 2016 Approval Date: Mar 24, 2017

ANSI/UL 1083-2016k, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 3-31-17) (revision of ANSI/UL 1083-2016)
PINS Date: Public Review Start: Mar 31, 2017 Approval Date: Jun 1, 2017

ANSI/UL 1086-2015, Standard for Safety for Household Trash Compactors (reaffirmation of ANSI/UL 1086-2010b)
PINS Date: Public Review Start: Feb 6, 2015 Approval Date: Mar 27, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start:  Jun 17, 2016
Approval Date:  Aug 15, 2016

PINS Date:
Public Review Start:  May 19, 2017
Approval Date:  Sep 20, 2017

ANSI/UL 1088-2015, Standard for Safety for Temporary Lighting Strings (new standard)
PINS Date:
Public Review Start:  Feb 13, 2015
Approval Date:  Jul 10, 2015

PINS Date:
Public Review Start:  Aug 18, 2017
Approval Date:  Sep 20, 2017

PINS Date:
Public Review Start:  Jul 27, 2018
Approval Date:  Jan 28, 2019

PINS Date:
Public Review Start:  Feb 14, 2020
Approval Date:  May 1, 2020

PINS Date:
Public Review Start:  Aug 16, 2019
Approval Date:  Oct 18, 2019

PINS Date:
Public Review Start:  Mar 11, 2016
Approval Date:  Apr 26, 2016

PINS Date:
Public Review Start:  Jun 1, 2018
Approval Date:  Jul 20, 2018

PINS Date:
Public Review Start:  Jan 3, 2020
Approval Date:  May 4, 2020

ANSI/UL 10C-2015, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2009a)
PINS Date:
Public Review Start:  Aug 8, 2014
Approval Date:  Feb 13, 2015
ANSI/UL 10C-2016, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2009)

PINS Date: 
Public Review Start: Aug 21, 2015
Approval Date: Jun 9, 2016

ANSI/UL 10C-2016a, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2015)

PINS Date: 
Public Review Start: Apr 15, 2016
Approval Date: Jun 9, 2016


PINS Date: 
Public Review Start: Mar 10, 2017
Approval Date: Sep 29, 2017


PINS Date: 
Public Review Start: Aug 4, 2017
Approval Date: Sep 29, 2017

ANSI/UL 110-2017, Standard for Sustainability for Mobile Phones (new standard)

PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: Mar 24, 2017


PINS Date: 
Public Review Start: Jan 26, 2018
Approval Date: Sep 28, 2018


PINS Date: 
Public Review Start: Jul 27, 2018
Approval Date: Sep 28, 2018


PINS Date: 
Public Review Start: Jul 1, 2016
Approval Date: Jun 2, 2017


PINS Date: 
Public Review Start: Sep 23, 2016
Approval Date: Jun 2, 2017


PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: Jun 2, 2017

ANSI/UL 1175-2020, Standard for Buoyant Cushions (revision of ANSI/UL 1175-2010 (R2014))

PINS Date: 
Public Review Start: Oct 4, 2019
Approval Date: Jan 10, 2020


PINS Date: 
Approval Date: Oct 30, 2015


PINS Date: 
Public Review Start: Sep 9, 2016
Approval Date: Jun 30, 2017

ANSI/UL 1180-2017a, Standard for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180-2012)

PINS Date: 
Public Review Start: Feb 17, 2017
Approval Date: Jun 30, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 1191-2018a</td>
<td>Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2013)</td>
<td>Dec 1, 2017</td>
<td>Jan 16, 2018</td>
<td></td>
</tr>
</tbody>
</table>
ANSI/UL 1203-2015b, Standard For Safety For Explosion-Proof And Dust-Ignition Proof Electrical Equipment For Use In Hazardous (Classified) Locations (revision of ANSI/UL 1203-2015)
PINS Date:
Public Review Start: Jun 26, 2015
Approval Date: Oct 16, 2015

PINS Date:
Public Review Start: Jan 12, 2018
Approval Date: Feb 16, 2018

ANSI/UL 1203-2018a, Standard For Safety For Explosion-Proof and Dust-Ignition Proof Electrical Equipment For Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018)
PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Apr 30, 2018

ANSI/UL 1203-2018b, Standard For Safety For Explosion-Proof and Dust-Ignition-Proof Electrical Equipment For Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018)
PINS Date:
Public Review Start: Aug 24, 2018
Approval Date: Oct 16, 2018

ANSI/UL 1203-2019, Standard For Safety For Explosion-Proof and Dust-Ignition-Proof Electrical Equipment For Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018)
PINS Date:
Public Review Start: Feb 15, 2019
Approval Date: Apr 16, 2019

ANSI/UL 1203-2020, Standard For Safety For Explosion-Proof and Dust-Ignition-Proof Electrical Equipment For Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2019)
PINS Date:
Public Review Start: Nov 15, 2019
Approval Date: Jan 30, 2020

ANSI/UL 1204-2018, Standard for Safety for Parts Cleaners (new standard)
PINS Date: Nov 3, 2017
Public Review Start: May 4, 2018
Approval Date: Jul 19, 2018

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Nov 13, 2015

PINS Date:
Public Review Start: Jul 28, 2017
Approval Date: Oct 3, 2017

PINS Date:
Public Review Start: Jan 26, 2018
Approval Date: Mar 16, 2018

PINS Date:
Public Review Start: Nov 9, 2018
Approval Date: Jan 7, 2019

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Sep 15, 2017
PINS Date: Public Review Start: May 31, 2019 Approval Date: Aug 26, 2019

PINS Date: Public Review Start: Mar 8, 2019 Approval Date: Aug 26, 2019

ANSI/UL 121203-2011 (R2015), Standard for Portable Electronic Products Suitable for Use in Class I and II, Division 2, Class I, Zone 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations (Proposal dated 09-04-15) (reaffirmation and redesignation of ANSI/ISA 12.12.03-2011)
PINS Date: Public Review Start: Sep 4, 2015 Approval Date: Dec 14, 2015

PINS Date: Public Review Start: May 29, 2015 Approval Date: Jul 27, 2015

PINS Date: Public Review Start: Jul 26, 2019 Approval Date: Oct 1, 2019

ANSI/UL 122001-2009 (R2019), Standard for Safety for General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2 Hazardous (Classified) Locations (reaffirmation of ANSI/UL 122001-2009 (R2014))
PINS Date: Public Review Start: Dec 14, 2018 Approval Date: Feb 14, 2019

PINS Date: Public Review Start: Jan 20, 2017 Approval Date: May 12, 2017

PINS Date: Public Review Start: Jun 21, 2019 Approval Date: Sep 4, 2019

ANSI/UL 1236-2011 (R2015), Standards for Safety for Battery Chargers for Charging Engine-Starter Batteries (reaffirmation of ANSI/UL 1236-2011a)

ANSI/UL 1236-2016, Standard For Safety For Battery Chargers For Charging Engine-Starter Batteries (Proposal Date 1/15/16) (revision of ANSI/UL 1236-2011)
PINS Date: Public Review Start: Jan 15, 2016 Approval Date: Feb 29, 2016

PINS Date: Public Review Start: May 29, 2015 Approval Date: Jul 10, 2015

PINS Date: Public Review Start: Jul 22, 2016 Approval Date: Sep 7, 2016
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:  
Public Review Start:  Jun 7, 2019  
Approval Date:  Aug 1, 2019

PINS Date:  
Public Review Start:  Sep 6, 2019  
Approval Date:  Oct 28, 2019

PINS Date:  
Public Review Start:  Jul 28, 2017  
Approval Date:  Oct 20, 2017

PINS Date:  
Public Review Start:  Jan 26, 2018  
Approval Date:  Mar 16, 2018

PINS Date:  
Public Review Start:  Nov 9, 2018  
Approval Date:  Jan 7, 2019

PINS Date:  
Public Review Start:  Feb 1, 2019  
Approval Date:  Mar 25, 2019

ANSI/UL 12402-5-2015, Standard for Safety for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety requirements (national adoption with modifications of ISO 12402-5)
PINS Date:  Jun 24, 2011  
Public Review Start:  Sep 11, 2015  
Approval Date:  Dec 31, 2015  
ISO Adoption

ANSI/UL 12402-5-2019, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2015)
PINS Date:  
Public Review Start:  Oct 27, 2017  
Approval Date:  Aug 9, 2019  
ISO Adoption

ANSI/UL 12402-5-2019a, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2015)
PINS Date:  
Public Review Start:  May 11, 2018  
Approval Date:  Aug 9, 2019  
ISO Adoption

ANSI/UL 12402-5-2019b, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2015)
PINS Date:  
Public Review Start:  Oct 26, 2018  
Approval Date:  Aug 9, 2019  
ISO Adoption

ANSI/UL 12402-9-2015, Standard for Safety for Personal Flotation Devices - Test Methods (national adoption with modifications of ISO 12402-9)
PINS Date:  Jun 24, 2011  
Public Review Start:  Sep 11, 2015  
Approval Date:  Dec 31, 2015  
ISO Adoption

PINS Date:  
Public Review Start:  Sep 14, 2018  
Approval Date:  Jan 14, 2019
### ANSI/UL 1242-2018, Standard for Safety for Electrical Intermediate Metal Conduit - Steel (revision of ANSI/UL 1242-2014)
- **PINS Date:** May 11, 2018
- **Approval Date:** Jun 25, 2018

### ANSI/UL 1247-2019, Standard for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2014)
- **PINS Date:** Jul 26, 2019
- **Approval Date:** Oct 17, 2019

- **PINS Date:** Mar 20, 2020
- **Approval Date:** Jun 1, 2020

- **PINS Date:** Jun 28, 2013
- **Approval Date:** Mar 19, 2014

### ANSI/UL 125-2015, Standard for Flow Control Valves for Anhydrous Ammonia and LP-Gas (Proposals dated 10/10/14) (revision of ANSI/UL 125-2014a)
- **PINS Date:** Oct 10, 2014
- **Approval Date:** Feb 18, 2015

- **PINS Date:** Oct 20, 2017
- **Approval Date:** Jan 11, 2018

### ANSI/UL 1254-2016, Standard for Pre-Engineered Dry Chemical Extinguishing System Units (revision of ANSI/UL 1254-2015)
- **PINS Date:** Jun 24, 2016
- **Approval Date:** Aug 2, 2016

### ANSI/UL 1254-2016a, Standard for Pre-Engineered Dry Chemical Extinguishing System Units (revision of ANSI/UL 1254-2016)
- **PINS Date:** Oct 14, 2016
- **Approval Date:** Nov 23, 2015

### ANSI/UL 1254-2017, Standard for Pre-Engineered Dry Chemical Extinguishing System Units (revision of ANSI/UL 1254-2016)
- **PINS Date:** Jul 28, 2017
- **Approval Date:** Sep 7, 2017

### ANSI/UL 1254-2018, Standard for Safety for Pre-Engineered Dry and Wet Chemical Extinguishing System Units (revision of ANSI/UL 1254-2017)
- **PINS Date:** Jul 13, 2018
- **Approval Date:** Dec 17, 2018

### ANSI/UL 1254-2018a, Standard for Safety for Pre-Engineered Dry and Wet Chemical Extinguishing System Units (revision of ANSI/UL 1254-2017)
- **PINS Date:** Oct 26, 2018
- **Approval Date:** Dec 17, 2018

### ANSI/UL 1256-2013 (R2018), Standard for Fire Test of Roof Deck Constructions (reaffirmation of ANSI/UL 1256-2013)
- **PINS Date:** Jun 8, 2018
- **Approval Date:** Aug 10, 2018

### ANSI/UL 1261-2016, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261-2014)
- **PINS Date:** Jun 24, 2016
- **Approval Date:** Sep 2, 2016
ANSI/UL 1261-2016a, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261-2014)
- PINS Date: Public Review Start: Aug 26, 2016
- Approval Date: Oct 7, 2016

ANSI/UL 1261-2017, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261-2016a)
- PINS Date: Public Review Start: Jul 14, 2017
- Approval Date: Sep 1, 2017

- PINS Date: Public Review Start: Apr 10, 2015
- Approval Date: May 26, 2015

- PINS Date: Public Review Start: Nov 29, 2019
- Approval Date: Jan 8, 2020

ANSI/UL 1275-2010 (R2014), Standard for Safety for Flammable Liquid Storage Cabinets (reaffirmation of ANSI/UL 1275-2010)
- PINS Date: Public Review Start: Sep 26, 2014
- Approval Date: Nov 24, 2014

- PINS Date: Public Review Start: Feb 3, 2017
- Approval Date: Dec 20, 2017

- PINS Date: Public Review Start: Nov 10, 2017
- Approval Date: Dec 20, 2017

- PINS Date: Public Review Start: Mar 2, 2018
- Approval Date: Sep 12, 2018

- PINS Date: Public Review Start: Jul 6, 2018
- Approval Date: Sep 12, 2018

- PINS Date: Public Review Start: Feb 14, 2020
- Approval Date: Jun 4, 2020

ANSI/UL 1278-2016, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2014)
- PINS Date: Public Review Start: Dec 11, 2015
- Approval Date: May 3, 2016

ANSI/UL 1278-2016a, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2014a)
- PINS Date: Public Review Start: Mar 18, 2016
- Approval Date: May 3, 2016
### ANSI/UL 1278-2016b, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2016)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun 10, 2016</td>
<td>Dec 14, 2016</td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun 9, 2017</td>
<td>Sep 14, 2017</td>
<td></td>
</tr>
</tbody>
</table>

### ANSI/UL 1278-2017a, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2016)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aug 4, 2017</td>
<td>Sep 14, 2017</td>
<td></td>
</tr>
</tbody>
</table>

### ANSI/UL 1278-2018, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2016)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun 29, 2018</td>
<td>Aug 20, 2018</td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mar 2, 2018</td>
<td>Jun 5, 2018</td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>May 4, 2018</td>
<td>Jun 5, 2018</td>
<td></td>
</tr>
</tbody>
</table>

### ANSI/UL 1283-2020, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2018)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>May 1, 2020</td>
<td>Jun 3, 2020</td>
<td></td>
</tr>
</tbody>
</table>

### ANSI/UL 1286-2018, Standard for Office Furnishings (revision of ANSI/UL 1286-2014)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov 10, 2017</td>
<td>Jan 4, 2018</td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov 21, 2014</td>
<td>Mar 18, 2015</td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jan 24, 2014</td>
<td>Mar 18, 2015</td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dec 9, 2016</td>
<td>Jun 7, 2017</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Public Review Start: Mar 9, 2018
Approval Date: May 3, 2018

PINS Date: Public Review Start: Jul 26, 2019
Approval Date: Oct 8, 2019

PINS Date: Public Review Start: Sep 16, 2016
Approval Date: Apr 21, 2017

PINS Date: Public Review Start: Mar 10, 2017
Approval Date: Apr 21, 2017

ANSI/UL 1310-2014a, Standard for Safety for Class 2 Power Units (Proposal dated 10-3-14) (revision of ANSI/UL 1310-2014)
PINS Date: Public Review Start: Oct 3, 2014
Approval Date: Dec 10, 2014

PINS Date: Public Review Start: Oct 21, 2016
Approval Date: Jan 30, 2017

ANSI/UL 1310-2019, Standard for Safety for Class 2 Power Units (revision of ANSI/UL 1310-2014)
PINS Date: Public Review Start: May 10, 2019
Approval Date: Jul 25, 2019

PINS Date: Public Review Start: Feb 8, 2019
Approval Date: Jul 25, 2019

PINS Date: Public Review Start: Nov 23, 2018
Approval Date: Jul 25, 2019

PINS Date: Public Review Start: Oct 30, 2015
Approval Date: Dec 16, 2015

ANSI/UL 1314-2005 (R2014), Standard for Safety for Special-Purpose Metal Containers (reaffirmation of ANSI/UL 1314-2005 (R200x))
PINS Date: Public Review Start: Mar 7, 2014
Approval Date: Jun 19, 2014

PINS Date: Public Review Start: Aug 4, 2017
Approval Date: Sep 28, 2017

ANSI/UL 1316-2018, Standard For Fibre Reinforced Plastic Underground Tanks For Flammable And Combustible Liquids (new standard)
PINS Date: Public Review Start: Jan 19, 2018
Approval Date: Nov 21, 2018

ANSI/UL 1316-2018a, Standard For Fibre Reinforced Plastic Underground Tanks For Flammable And Combustible Liquids (new standard)
PINS Date: Public Review Start: Jun 29, 2018
Approval Date: Nov 21, 2018
- PINS Date: Public Review Start: Aug 1, 2014
- Approval Date: Feb 9, 2015

- PINS Date: Public Review Start: May 8, 2015
- Approval Date: Jun 30, 2015

- PINS Date: Public Review Start: Oct 23, 2015
- Approval Date: Feb 17, 2016

- PINS Date: Public Review Start: Sep 22, 2017
- Approval Date: Jan 11, 2018

- PINS Date: Public Review Start: Dec 1, 2017
- Approval Date: Jan 11, 2018

- PINS Date: Public Review Start: Aug 16, 2019
- Approval Date: Jan 16, 2020

ANSI/UL 1322-2010 (R2015), Standard for Safety for Fabricated Scaffold Planks and Stages (reaffirmation of ANSI/UL 1322-2010 (R2015))
- PINS Date: Public Review Start: Sep 18, 2015
- Approval Date: Nov 6, 2015

- PINS Date: Public Review Start: Dec 23, 2016
- Approval Date: Aug 11, 2017

- PINS Date: Public Review Start: Jul 5, 2019
- Approval Date: Sep 30, 2019

- PINS Date: Public Review Start: Nov 22, 2019
- Approval Date: Feb 26, 2020

- PINS Date: Public Review Start: May 29, 2015
- Approval Date: Feb 12, 2016

- PINS Date: Public Review Start: Mar 27, 2020
- Approval Date: Apr 29, 2020

- PINS Date: Public Review Start: Jan 16, 2015
- Approval Date: Apr 14, 2015

- PINS Date: Public Review Start: May 7, 2019
- Approval Date: Oct 22, 2019
ANSI/UL 1363-2018, **Standard for Safety for Relocatable Power Taps** (new standard)
PINS Date: Oct 13, 2017
Public Review Start: Apr 20, 2018
Approval Date: Jun 12, 2018

ANSI/UL 1369-2018, **Standard for Safety for Aboveground Piping for Flammable and Combustible Liquids** (new standard)
PINS Date: Jun 23, 2017
Public Review Start: Jul 13, 2018
Approval Date: Aug 30, 2018

ANSI/UL 1370-2016, **Standard for Safety for Unvented Alcohol Fuel Burning Decorative Appliances** (revision of ANSI/UL 1370-2014)
PINS Date: Sep 4, 2015
Public Review Start: Sep 23, 2015
Approval Date: Mar 14, 2016

ANSI/UL 1384-2017, **Standard for Water-Based Automatic Extinguisher Units** (new standard)
PINS Date: Sep 25, 2015
Public Review Start: Sep 9, 2016
Approval Date: May 8, 2017

ANSI/UL 1389-2019, **Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations** (new standard)
PINS Date: Nov 30, 2018
Public Review Start: Oct 18, 2019
Approval Date: Nov 25, 2019

ANSI/UL 140-2008 (R2018), **Standard for Safety for Relocking Devices for Safes and Vaults** (reaffirmation of ANSI/UL 140-2008 (R2012))
PINS Date: May 11, 2018
Public Review Start: May 11, 2018
Approval Date: Jul 6, 2018

ANSI/UL 141-2011 (R2016), **Standard for Safety for Garment Finishing Appliances** (proposal dated 6-17-16)
(reaffirmation of ANSI/UL 141-2011a)
PINS Date: Aug 31, 2016
Public Review Start: Jun 17, 2016
Approval Date: Aug 31, 2016

ANSI/UL 1411-2011 (R2015), **Standard for Safety for Transformers and Motor Transformers for Use in Audio-, Radio-, and Television-Type Appliances** (reaffirmation of ANSI/UL 1411-2011)
PINS Date: Aug 31, 2016
Public Review Start: Jul 3, 2015
Approval Date: Aug 31, 2016

PINS Date: Jul 28, 2016
Public Review Start: Jun 3, 2016
Approval Date: Jul 28, 2016

ANSI/UL 1413-2012 (R2016), **Standard for Safety for High-Voltage Components for Television-Type Appliances** (reaffirmation of ANSI/UL 1413-2012)
PINS Date: Nov 1, 2016
Public Review Start: Sep 16, 2016
Approval Date: Nov 1, 2016

ANSI/UL 1416-2012 (R2017), **Standard for Safety for Overcurrent and Overtemperature Protectors for Radio- and Television-Type Appliances** (reaffirmation of ANSI/UL 1416-2012)
PINS Date: Jan 6, 2017
Public Review Start: Nov 4, 2016
Approval Date: Jan 6, 2017

ANSI/UL 1417-2012 (R2017), **Standard for Safety for Special Fuses for Radio- and Television-Type Appliances** (reaffirmation of ANSI/UL 1417-2012)
PINS Date: Mar 8, 2017
Public Review Start: Jan 20, 2017
Approval Date: Mar 8, 2017
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title and Description</th>
<th>Status</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 142-2019a</td>
<td>Standard For Safety For Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2013)</td>
<td></td>
<td></td>
<td>Nov 2, 2018</td>
<td>May 17, 2019</td>
</tr>
<tr>
<td>ANSI/UL 142-2019b</td>
<td>Standard For Safety For Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2013)</td>
<td></td>
<td></td>
<td>Feb 22, 2019</td>
<td>May 17, 2019</td>
</tr>
<tr>
<td>ANSI/UL 142A-2018</td>
<td>Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (new standard)</td>
<td></td>
<td></td>
<td>Oct 6, 2017</td>
<td>May 24, 2018</td>
</tr>
<tr>
<td>ANSI/UL 142A-2018a</td>
<td>Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (new standard)</td>
<td></td>
<td></td>
<td>Mar 16, 2018</td>
<td>May 24, 2018</td>
</tr>
</tbody>
</table>
PINS Date: Mar 21, 2015
Public Review Start: Dec 26, 2014
Approval Date: May 19, 2015

PINS Date: Mar 21, 2016
Public Review Start: Dec 11, 2015
Approval Date: Mar 21, 2016

PINS Date: Nov 11, 2016
Public Review Start: Sep 23, 2016
Approval Date: Nov 11, 2016

PINS Date: Jul 18, 2017
Public Review Start: Jun 16, 2017
Approval Date: Jul 18, 2017

PINS Date: Jul 12, 2017
Public Review Start: Aug 10, 2018
Approval Date: Feb 4, 2019

PINS Date: Jul 12, 2017
Public Review Start: Nov 23, 2018
Approval Date: Feb 4, 2019

PINS Date: Aug 1, 2018
Public Review Start: Jun 7, 2019
Approval Date: Nov 13, 2019

PINS Date: Oct 13, 2017
Public Review Start: Mar 31, 2017
Approval Date: May 1, 2020

PINS Date: May 1, 2020
Public Review Start: Feb 14, 2020
Approval Date: May 1, 2020

PINS Date: Mar 26, 2015
Approval Date: Mar 26, 2015

PINS Date: Mar 17, 2016
Approval Date: Mar 17, 2016

PINS Date: Jul 12, 2017
Approval Date: Jul 12, 2017

PINS Date: Jul 12, 2017
Public Review Start: May 12, 2017
Approval Date: Jul 12, 2017

PINS Date: Jul 12, 2017
Public Review Start: May 19, 2017
Approval Date: Jul 12, 2017

PINS Date: Aug 1, 2018
Public Review Start: Nov 3, 2017
Approval Date: Aug 1, 2018
PINS Date: Public Review Start: Dec 8, 2017 Approval Date: Aug 1, 2018

PINS Date: Public Review Start: May 25, 2018 Approval Date: Aug 1, 2018

PINS Date: Public Review Start: Jun 1, 2018 Approval Date: Aug 1, 2018

PINS Date: Public Review Start: Feb 22, 2019 Approval Date: Aug 5, 2019

PINS Date: Public Review Start: Dec 21, 2018 Approval Date: Aug 5, 2019

PINS Date: Public Review Start: Nov 20, 2015 Approval Date: Mar 29, 2016

PINS Date: Public Review Start: Sep 23, 2016 Approval Date: Mar 9, 2017

PINS Date: Public Review Start: Oct 14, 2016 Approval Date: Mar 9, 2017

PINS Date: Public Review Start: Mar 16, 2018 Approval Date: May 18, 2018

PINS Date: Public Review Start: Oct 14, 2016 Approval Date: Mar 9, 2017

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: May 9, 2016

PINS Date: Public Review Start: Mar 4, 2016 Approval Date: Apr 13, 2018

PINS Date: Public Review Start: Jan 16, 2015 Approval Date: Mar 5, 2015

PINS Date: Public Review Start: May 20, 2016 Approval Date: Jul 7, 2016

PINS Date: Public Review Start: Aug 23, 2016 Approval Date: Oct 29, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>Revisions and Dates</th>
</tr>
</thead>
</table>
                     Approval Date: Sep 24, 2015 |
                     Approval Date: Nov 10, 2017 |
                     Approval Date: Apr 12, 2018 |
                     Approval Date: Aug 4, 2017 |
                     Approval Date: Jun 10, 2015 |
                     Approval Date: Jun 10, 2015 |
| ANSI/UL 147A-2018 | Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2009 (R2013)) | PINS Date: Apr 20, 2018  
                     Approval Date: Jun 6, 2018 |
| ANSI/UL 147A-2019 | Standard For Safety For Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2018) | PINS Date: Jun 28, 2019  
                     Approval Date: Aug 20, 2019 |
| ANSI/UL 147B-2016 | Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (revision of ANSI/UL 147B-2008 (R2013)) | PINS Date: Jun 10, 2016  
                     Approval Date: Aug 25, 2016 |
| ANSI/UL 147B-2019 | Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (revision of ANSI/UL 147B-2016) | PINS Date: Aug 23, 2019  
                     Approval Date: Oct 29, 2019 |
                     Approval Date: Jan 28, 2016 |
| ANSI/UL 1480-2016a | Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1480-2012) | PINS Date: Nov 21, 2014  
                     Approval Date: Jan 28, 2016 |
| ANSI/UL 1480-2016b | Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1480-2012) | PINS Date: May 29, 2015  
                     Approval Date: Jan 28, 2016 |
                     Approval Date: Sep 7, 2017 |
<table>
<thead>
<tr>
<th>ANSI/UL Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Date Reaffirmed</td>
<td>PINS Date</td>
<td>Public Review Start</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------</td>
<td>-----------------</td>
<td>-----------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Revisions</td>
<td>PINS Date</td>
<td>Public Review Start</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------</td>
<td>-------------------------------------------------------------</td>
<td>--------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>ANSI/UL 1565-2013 (R2017)</td>
<td><strong>Standard for Safety for Positioning Devices</strong> (reaffirmation of ANSI/UL 1565-2013)</td>
<td>PINS Date: Feb 24, 2017 Approval Date: May 5, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1567-2012 (R2016)</td>
<td><strong>Receptacles and Switches Intended for Use with Aluminum Wire</strong> (reaffirmation of ANSI/UL 1567-2012)</td>
<td>PINS Date: May 27, 2016 Approval Date: Jul 15, 2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1569-2014 (Proposal dated 06-06-14)</td>
<td><strong>Standard for Safety for Metal-Clad Cables</strong> (revision of ANSI/UL 1569-2012)</td>
<td>PINS Date: Jun 6, 2014 Approval Date: Nov 13, 2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1569-2014a (Proposal dated 09-12-14)</td>
<td><strong>Standard for Safety for Metal-Clad Cables</strong> (revision of ANSI/UL 1569-2012)</td>
<td>PINS Date: Sep 12, 2014 Approval Date: Nov 13, 2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1569-2015a</td>
<td><strong>Standard for Metal-Clad Cables</strong> (revision of ANSI/UL 1569-2014)</td>
<td>PINS Date: Oct 30, 2015 Approval Date: Dec 18, 2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1569-2016</td>
<td><strong>Standard for Safety for Metal-Clad Cables</strong> (revision of ANSI/UL 1569-2015)</td>
<td>PINS Date: Apr 22, 2016 Approval Date: Jul 1, 2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1569-2018a</td>
<td><strong>Standard for Safety for Metal-Clad Cables, Proposals dated 1/26/18.</strong> (revision of ANSI/UL 1569-2016)</td>
<td>PINS Date: Jan 26, 2018 Approval Date: May 4, 2018</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1574-2012 (R2016)</td>
<td><strong>Standard for Safety for Track Lighting Systems</strong> (reaffirmation of ANSI/UL 1574-2012)</td>
<td>PINS Date: Apr 8, 2016 Approval Date: Jul 12, 2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1574-2020</td>
<td><strong>Standard for Safety for Track Lighting Systems</strong> (revision of ANSI/UL 1574-2012 (R2016))</td>
<td>PINS Date: Mar 13, 2020 Approval Date: May 27, 2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1576-2018</td>
<td><strong>Standard for Safety for Flashlights and Lanterns</strong> (new standard)</td>
<td>PINS Date: Apr 24, 2015 Approval Date: Feb 23, 2018</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 1577-2015a</td>
<td><strong>Standard for Safety for Optical Isolators</strong> (reaffirmation of ANSI/UL 1577-2015)</td>
<td>PINS Date: Apr 5, 2019 Approval Date: Jun 11, 2019</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Jun 4, 2015

PINS Date: Public Review Start: May 27, 2016 Approval Date: Aug 18, 2016

PINS Date: Public Review Start: Nov 18, 2016 Approval Date: Feb 17, 2017

PINS Date: Public Review Start: May 5, 2017 Approval Date: Jun 9, 2017

PINS Date: Public Review Start: Aug 25, 2017 Approval Date: Dec 8, 2017

PINS Date: Public Review Start: Jan 25, 2019 Approval Date: Jun 20, 2019

PINS Date: Public Review Start: Oct 25, 2019 Approval Date: Jan 6, 2020

PINS Date: Public Review Start: Mar 13, 2020 Approval Date: May 7, 2020

PINS Date: Public Review Start: Apr 28, 2017 Approval Date: Aug 28, 2018

ANSI/UL 1598-2018a, Standard for Safety for Luminaires (revision of ANSI/UL 1598-2012)
PINS Date: Public Review Start: Jan 5, 2018 Approval Date: Aug 28, 2018

PINS Date: Public Review Start: May 18, 2018 Approval Date: Aug 28, 2018

PINS Date: Public Review Start: Jun 28, 2019 Approval Date: Jan 28, 2020
ANSI/UL 1598B-2014 (R2020), Standard for Safety for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires (reaffirmation of ANSI/UL 1598B-2014)
PINS Date: 
Public Review Start:  Oct 4, 2019
Approval Date:  Feb 3, 2020

ANSI/UL 1598B-2020, Standard for Safety for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires (revision of ANSI/UL 1598B-2014 (R2020))
PINS Date: 
Public Review Start:  Mar 6, 2020
Approval Date:  May 29, 2020

ANSI/UL 1598C-2016, Standard for Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits (revision of ANSI/UL 1598C-2014)
PINS Date: 
Approval Date:  Nov 17, 2016

PINS Date: 
Public Review Start:  May 26, 2017
Approval Date:  Jul 12, 2017

PINS Date: 
Public Review Start:  Dec 2, 2016
Approval Date:  Jan 20, 2017

ANSI/UL 1610-2015, Standard for Safety for Central-Station Burglar-Alarm Units (revision of ANSI/UL 1610-2010)
PINS Date: 
Approval Date:  Mar 20, 2015

ANSI/UL 1610-2015a, Standard for Safety for Central-Station Burglar-Alarm Units (revision of ANSI/UL 1610-2010)
PINS Date: 
Public Review Start:  Apr 11, 2014
Approval Date:  Mar 20, 2015

ANSI/UL 1610-2016, Standard for Safety for Central-Station Burglar-Alarm Units (revision of ANSI/UL 1610-2015a)
PINS Date: 
Public Review Start:  Jun 5, 2015
Approval Date:  Jul 5, 2016

ANSI/UL 1610-2016a, Standard for Safety for Central-Station Burglar-Alarm Units (revision of ANSI/UL 1610-2015a)
PINS Date: 
Public Review Start:  Jul 17, 2015
Approval Date:  Jul 5, 2016

ANSI/UL 1610-2016b, Standard for Safety for Central-Station Burglar-Alarm Units (revision of ANSI/UL 1610-2015a)
PINS Date: 
Approval Date:  Jul 5, 2016

ANSI/UL 1610-2016c, Standard For Central-Station Burglar-Alarm Units (revision of ANSI/UL 1610-2015)
PINS Date: 
Approval Date:  Jul 5, 2016

PINS Date: 
Public Review Start:  Jan 15, 2016
Approval Date:  Jul 5, 2016

ANSI/UL 1618-2009 (R2018), Standard for Safety for Wall Protectors, Floor Protectors, and Hearth Extensions (reaffirmation of ANSI/UL 1618-2009 (R2013))
PINS Date: 
Public Review Start:  Nov 10, 2017
Approval Date:  Jan 10, 2018
ANSI/UL 162-2015, Standard for Safety for Foam Equipment and Liquid Concentrates (revision of ANSI/UL 162-2014)
PINS Date: Dec 21, 2007
Public Review Start: Feb 6, 2015
Approval Date: Jun 11, 2015

PINS Date: Dec 21, 2007
Public Review Start: Nov 3, 2017
Approval Date: Feb 23, 2018

ANSI/UL 1626-2017, Standard for Residential Sprinklers for Fire-Protection Service (revision of ANSI/UL 1626-2012)
PINS Date: Public Review Start: Mar 3, 2017
Approval Date: May 15, 2017

PINS Date: Public Review Start: Sep 21, 2018
Approval Date: Nov 9, 2018

PINS Date: Public Review Start: May 11, 2018
Approval Date: Nov 9, 2018

PINS Date: Public Review Start: Oct 7, 2011
Approval Date: Mar 20, 2015

PINS Date: Public Review Start: Jan 17, 2014
Approval Date: Apr 13, 2018

PINS Date: Public Review Start: Oct 21, 2016
Approval Date: Apr 13, 2018

ANSI/UL 1637-2017, Standard for Safety for Home Health Care Signaling Equipment (revision of ANSI/UL 1637-2016)
PINS Date: Public Review Start: Mar 17, 2017
Approval Date: Sep 21, 2017

PINS Date: Public Review Start: Nov 21, 2014
Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Jun 19, 2015
Approval Date: Jan 28, 2016

PINS Date: Public Review Start: Nov 18, 2016
Approval Date: Sep 6, 2017

PINS Date: Public Review Start: Apr 8, 2016
Approval Date: Jun 22, 2016
ANSI/UL 1640-2016, Standard for Safety for Portable Power-Distribution Equipment (new standard)
PINS Date: Jul 3, 2015
Approval Date: Jan 25, 2016

ANSI/UL 1640-2016a, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)
PINS Date: May 27, 2016
Public Review Start: Nov 14, 2016
Approval Date: May 29, 2016

ANSI/UL 1640-2016b, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)
PINS Date: Aug 19, 2016
Public Review Start: Nov 14, 2016
Approval Date: May 29, 2016

PINS Date: Apr 17, 2020
Public Review Start: May 29, 2020
Approval Date: May 29, 2020

PINS Date: Sep 13, 2019
Public Review Start: May 20, 2020
Approval Date: May 20, 2020

PINS Date: Mar 13, 2015
Approval Date: Aug 3, 2015

ANSI/UL 1647-2015a, Standard for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2014a)
PINS Date:
Public Review Start: Jun 26, 2015
Approval Date: Aug 3, 2015

ANSI/UL 1647-2016, Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2015)
PINS Date:
Public Review Start: Sep 30, 2016
Approval Date: Nov 18, 2016

PINS Date:
Approval Date: Nov 18, 2016

PINS Date:
Public Review Start: Aug 11, 2017
Approval Date: May 18, 2018

PINS Date:
Public Review Start: Jun 15, 2018
Approval Date: Jul 26, 2018

PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: May 18, 2018

PINS Date:
Public Review Start: Jun 15, 2018
Approval Date: Jul 26, 2018

PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: May 18, 2018

PINS Date:
Public Review Start: Jun 21, 2019
Approval Date: Dec 4, 2019

PINS Date:
Public Review Start: Dec 12, 2019
Approval Date: Jan 28, 2015

ANSI/UL 1650-2015, Standard for Safety for Portable Power Cable (Proposal dated 12/12/14) (new standard)
PINS Date: Feb 14, 2014
Public Review Start: Dec 12, 2014
Approval Date: Jan 28, 2015
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jan 29, 2016 Approval Date: Apr 1, 2016</td>
<td>PINS Date: Public Review Start: Sep 12, 2014 Approval Date: Nov 3, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Nov 9, 2018 Approval Date: Mar 6, 2019</td>
<td>PINS Date: Public Review Start: Sep 21, 2018 Approval Date: Nov 19, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jul 18, 2014 Approval Date: May 15, 2015</td>
<td>PINS Date: Public Review Start: Jun 1, 2018 Approval Date: Jan 30, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jan 23, 2015 Approval Date: May 15, 2015</td>
<td>PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Jan 31, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Mar 9, 2018 Approval Date: May 3, 2018</td>
<td>PINS Date: Public Review Start: Apr 7, 2017 Approval Date: May 30, 2017</td>
</tr>
</tbody>
</table>

|---|---|

ANSI/UL 1678-2016a, *Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment* (revision of ANSI/UL 1678-2012a)
PINS Date:
Public Review Start:  Sep 20, 2013
Approval Date:  Jul 27, 2016

ANSI/UL 1678-2016b, *Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment* (revision of ANSI/UL 1678-2012)
PINS Date:
Public Review Start:  Mar 14, 2014
Approval Date:  Jul 27, 2016

ANSI/UL 1678-2016c, *Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment* (revision of ANSI/UL 1678-2012)
PINS Date:
Public Review Start:  Jun 3, 2016
Approval Date:  Jul 27, 2016

ANSI/UL 1678-2017, *Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment* (revision of ANSI/UL 1678-2016c)
PINS Date:
Public Review Start:  Jun 3, 2016
Approval Date:  Mar 24, 2017

PINS Date:
Public Review Start:  Nov 30, 2018
Approval Date:  Jun 18, 2019

ANSI/UL 1681-2012 (R2016), *Wiring Device Configurations* (reaffirmation of ANSI/UL 1681-2012)
PINS Date:
Public Review Start:  May 27, 2016
Approval Date:  Jul 15, 2016

ANSI/UL 1682-2017, *Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type* (revision of ANSI/UL 1682-2013)
PINS Date:
Public Review Start:  May 6, 2016
Approval Date:  Feb 15, 2017

ANSI/UL 1682-2017a, *Standard for Safety for Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type* (revision of ANSI/UL 1682-2013)
PINS Date:
Approval Date:  Feb 15, 2017

PINS Date:
Public Review Start:  May 15, 2015
Approval Date:  Jul 7, 2015

PINS Date:
Public Review Start:  Apr 27, 2018
Approval Date:  Jun 25, 2018

PINS Date:
Public Review Start:  May 8, 2015
Approval Date:  Jul 7, 2015

PINS Date:
Public Review Start:  Oct 20, 2017
Approval Date:  Jan 26, 2018
<table>
<thead>
<tr>
<th>ANSI/UL Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/UL 1703-2016, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015)
PINS Date: Public Review Start: Feb 12, 2016 Approval Date: Jun 22, 2016

ANSI/UL 1703-2016a, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015)
PINS Date: Public Review Start: Apr 1, 2016 Approval Date: Jun 22, 2016

ANSI/UL 1703-2017, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)
PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Mar 10, 2017

ANSI/UL 1703-2017a, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)
PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Mar 10, 2017

ANSI/UL 1703-2017b, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)
PINS Date: Public Review Start: Feb 3, 2017 Approval Date: Mar 10, 2017

ANSI/UL 1703-2017c, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)
PINS Date: Public Review Start: May 5, 2017 Approval Date: Sep 13, 2017

PINS Date: Public Review Start: Mar 30, 2018 Approval Date: Sep 26, 2018

PINS Date: Public Review Start: Jul 20, 2018 Approval Date: Sep 26, 2018

PINS Date: Public Review Start: Aug 24, 2018 Approval Date: Sep 26, 2018

PINS Date: Public Review Start: Jul 19, 2019 Approval Date: Aug 20, 2019

PINS Date: Public Review Start: May 24, 2019 Approval Date: Aug 20, 2019

PINS Date: Public Review Start: Sep 20, 2019 Approval Date: Nov 7, 2019

PINS Date: Public Review Start: Feb 12, 2016 Approval Date: Feb 24, 2017

PINS Date: Public Review Start: Dec 9, 2016 Approval Date: Feb 24, 2017
PINS Date:  
Public Review Start:  Feb 10, 2017  
Approval Date:  Apr 27, 2017

PINS Date:  
Public Review Start:  Jan 20, 2017  
Approval Date:  Mar 13, 2017

PINS Date:  
Public Review Start:  Feb 14, 2020  
Approval Date:  Mar 23, 2020

ANSI/UL 1730-2007 (R2017), Standard for Safety for Smoke Detector Monitors and Accessories for Individual Living Units of Multifamily Residences and Hotel/Motel Rooms (reaffirmation of ANSI/UL 1730-2007 (R2012))
PINS Date:  
Public Review Start:  Apr 21, 2017  
Approval Date:  Jun 9, 2017

PINS Date:  
Public Review Start:  Nov 15, 2019  
Approval Date:  Jan 6, 2020

PINS Date:  
Public Review Start:  Mar 10, 2017  
Approval Date:  Apr 28, 2017

PINS Date:  
Public Review Start:  May 31, 2019  
Approval Date:  Aug 19, 2019

PINS Date:  
Approval Date:  Dec 15, 2016

PINS Date:  
Public Review Start:  Nov 15, 2019  
Approval Date:  May 7, 2019

PINS Date:  
Public Review Start:  Sep 13, 2019  
Approval Date:  Nov 15, 2019

PINS Date:  
Public Review Start:  Mar 17, 2017  
Approval Date:  Jan 26, 2018

ANSI/UL 1740-2018a, Standard for Safety for Robots and Robotic Equipment (revision of ANSI/UL 1740-2007)
PINS Date:  
Public Review Start:  Jul 21, 2017  
Approval Date:  Jan 26, 2018

PINS Date:  
Approval Date:  Oct 28, 2015
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
PINS Date:
Public Review Start: Aug 22, 2014
Approval Date: Dec 17, 2014

ANSI/UL 180-2017, Standard for Liquid-Level Gauges for Oil Burner Fuels and Other Combustible Liquids (revision of ANSI/UL 180-2012)
PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: May 11, 2017

ANSI/UL 180-2019, Standard for Liquid Level Gauges, Level Indicators and Aboveground Piping for Combustible Liquids (new standard)
PINS Date:
Public Review Start: Jun 29, 2018
Approval Date: Mar 15, 2019

ANSI/UL 180-2019a, Standard for Liquid Level Gauges, Level Indicators and Aboveground Piping for Combustible Liquids (new standard)
PINS Date:
Public Review Start: Nov 9, 2018
Approval Date: Mar 15, 2019

ANSI/UL 1803-2012 (R2017), Standard For Safety For Factory Follow-Up on Third Party Certified Portable Fire Extinguishers (reaffirmation of ANSI/UL 1803-2012)
PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Oct 24, 2017

PINS Date:
Public Review Start: Feb 24, 2017
Approval Date: Apr 13, 2017

PINS Date:
Public Review Start: Feb 3, 2017
Approval Date: Mar 22, 2017

ANSI/UL 181B-2013 (R2017), Standard for Closure Systems for Use with Flexible Air Ducts and Air Connectors (reaffirmation of ANSI/UL 181B-2013)
PINS Date:
Public Review Start: Feb 3, 2017
Approval Date: Mar 21, 2017

PINS Date:
Public Review Start: May 26, 2017
Approval Date: Jul 13, 2017

PINS Date:
Approval Date: Aug 25, 2015

PINS Date:
Public Review Start: May 15, 2015
Approval Date: Aug 25, 2015

PINS Date:
Public Review Start: Mar 17, 2017
Approval Date: May 5, 2017

PINS Date:
Public Review Start: Jan 4, 2019
Approval Date: Jul 30, 2019
PINS Date:
Public Review Start: Dec 5, 2014
Approval Date: Mar 27, 2015

PINS Date:
Public Review Start: Feb 13, 2015
Approval Date: Mar 27, 2015

PINS Date:
Approval Date: May 6, 2016

PINS Date:
Public Review Start: Aug 22, 2014
Approval Date: Jan 13, 2015

PINS Date:
Approval Date: Jan 13, 2015

PINS Date:
Public Review Start: Feb 24, 2017
Approval Date: Apr 12, 2017

PINS Date:
Public Review Start: Jan 23, 2015
Approval Date: Aug 31, 2016

ANSI/UL 1839-2020, Standard for Safety for Automotive Battery Booster Cables (revision of ANSI/UL 1839-2016)
PINS Date:
Public Review Start: Mar 20, 2020
Approval Date: Apr 22, 2020

ANSI/UL 1863-2012 (R2016), Standard for Safety for Communications-Circuit Accessories (reaffirmation of ANSI/UL 1863-2004 (R2012))
PINS Date:
Public Review Start: Jul 26, 2019
Approval Date: Oct 1, 2019

ANSI/UL 1863-2019, Standard for Communications-Circuit Accessories (revision of ANSI/UL 1863-2012 (R2016))
PINS Date:
Public Review Start: Jul 26, 2019
Approval Date: Oct 1, 2019

PINS Date:
Public Review Start: Jul 17, 2015
Approval Date: Sep 14, 2015

PINS Date:
Public Review Start: May 26, 2017
Approval Date: Jul 13, 2017

PINS Date:
Public Review Start: Jun 29, 2018
Approval Date: Sep 4, 2018

PINS Date:
Public Review Start: Jul 3, 2015
Approval Date: Sep 23, 2015

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
Approved American National Standards

PINS Date: Public Review Start: Jun 8, 2018
Approval Date: Aug 13, 2018

PINS Date: Public Review Start: Aug 4, 2017
Approval Date: Oct 4, 2017

PINS Date: Public Review Start: Oct 16, 2015
Approval Date: Feb 26, 2016

PINS Date: Public Review Start: Aug 26, 2016
Approval Date: Oct 7, 2016

PINS Date: Public Review Start: Dec 30, 2016
Approval Date: Feb 21, 2017

PINS Date: Public Review Start: Jul 14, 2017
Approval Date: Aug 25, 2017

PINS Date: Public Review Start: Apr 10, 2020
Approval Date: Jun 11, 2020

PINS Date: Public Review Start: May 17, 2013
Approval Date: Oct 10, 2013

PINS Date: Public Review Start: Dec 8, 2017
Approval Date: Jan 26, 2018

PINS Date: Public Review Start: Jun 1, 2018
Approval Date: Aug 29, 2018

PINS Date: Public Review Start: May 22, 2015
Approval Date: Jun 1, 2016

PINS Date: Public Review Start: Mar 18, 2016
Approval Date: Jun 1, 2016

PINS Date: Public Review Start: Sep 25, 2015
Approval Date: Jun 1, 2016

PINS Date: Public Review Start: Dec 18, 2015
Approval Date: Jun 1, 2016
Approved American National Standards

PINS Date:  
Public Review Start:  Jun 30, 2017  
Approval Date:  Feb 7, 2018

PINS Date:  
Public Review Start:  Oct 6, 2017  
Approval Date:  Feb 7, 2018

PINS Date:  
Public Review Start:  Aug 17, 2018  
Approval Date:  Oct 25, 2018

PINS Date:  
Public Review Start:  Feb 24, 2017  
Approval Date:  Apr 28, 2017

PINS Date:  
Public Review Start:  Jan 10, 2014  
Approval Date:  Oct 27, 2014

PINS Date:  
Public Review Start:  May 30, 2014  
Approval Date:  Oct 27, 2014

PINS Date:  
Public Review Start:  Jun 7, 2019  
Approval Date:  Oct 18, 2019

PINS Date:  
Public Review Start:  Jul 27, 2018  
Approval Date:  Nov 9, 2018

PINS Date:  
Public Review Start:  Sep 21, 2018  
Approval Date:  Nov 9, 2018

PINS Date:  
Public Review Start:  Feb 16, 2018  
Approval Date:  Apr 4, 2018

PINS Date:  
Public Review Start:  Mar 17, 2017  
Approval Date:  May 12, 2017

ANSI/UL 199-2020, Standard for Automatic Sprinklers for Fire-Protection Service (revision of ANSI/UL 199-2013 (R2017))
PINS Date:  
Public Review Start:  Oct 18, 2019  
Approval Date:  Apr 28, 2020

PINS Date:  
Approval Date:  Apr 15, 2016

PINS Date:  
Public Review Start:  Nov 18, 2016  
Approval Date:  Jan 20, 2017
PINS Date:
Approval Date: Jan 27, 2017

PINS Date:
Approval Date: Jan 27, 2017

PINS Date:
Public Review Start: May 25, 2018
Approval Date: Aug 6, 2018

PINS Date: Sep 19, 2008
Public Review Start: Feb 12, 2010
Approval Date: Apr 5, 2010

PINS Date:
Public Review Start: Sep 3, 2010
Approval Date: Nov 19, 2010

PINS Date:
Public Review Start: Apr 17, 2015
Approval Date: May 29, 2015

PINS Date:
Public Review Start: Jul 25, 2014
Approval Date: Jul 30, 2015

PINS Date:
Approval Date: Jul 30, 2015

PINS Date:
Public Review Start: Dec 11, 2015
Approval Date: Jul 14, 2016

PINS Date:
Public Review Start: May 4, 2018
Approval Date: Sep 21, 2018

PINS Date:
Public Review Start: Aug 3, 2018
Approval Date: Sep 21, 2018

PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Jul 20, 2018

PINS Date:
Public Review Start: Jun 12, 2015
Approval Date: Jun 22, 2016

PINS Date:
Public Review Start: Jul 18, 2014
Approval Date: Mar 31, 2015
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Revision</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 2034-2016</td>
<td>Standards for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2015a)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: 
Approval Date:  Mar 31, 2017

PINS Date: 
Public Review Start:  Feb 3, 2017
Approval Date:  Mar 31, 2017

PINS Date: 
Public Review Start:  Aug 25, 2017
Approval Date:  Dec 21, 2017

ANSI/UL 2034-2017c, Standards for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2015a)
PINS Date: 
Public Review Start:  Mar 11, 2016
Approval Date:  Dec 21, 2017

PINS Date: 
Approval Date:  Dec 21, 2017

PINS Date: 
Public Review Start:  Nov 3, 2017
Approval Date:  Dec 21, 2017

ANSI/UL 2039-2016, Standard for Flexible Connector Piping For Fuels (new standard)
PINS Date:  May 22, 2015
Public Review Start:  Jan 29, 2016
Approval Date:  May 5, 2016

PINS Date:  May 4, 2012
Public Review Start:  Apr 10, 2015
Approval Date:  Dec 18, 2015

PINS Date:  May 4, 2012
Public Review Start:  Sep 25, 2015
Approval Date:  Dec 18, 2015

PINS Date: 
Public Review Start:  May 3, 2019
Approval Date:  Aug 8, 2019

ANSI/UL 2040-2015, Standard for Safety for Folding Rollaway Tables (new standard)
PINS Date:  May 30, 2014
Public Review Start:  Jul 11, 2014
Approval Date:  Feb 10, 2015

PINS Date: 
Public Review Start:  May 25, 2018
Approval Date:  Jul 13, 2018

PINS Date: 
Approval Date:  Dec 22, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>

Provided by American National Standards Institute   www.ansi.org   Monday, June 15, 2020
PINS Date:
Public Review Start: Feb 20, 2015
Approval Date: Jul 16, 2015

ANSI/UL 2108-2015a, Standard for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2014a)
PINS Date:
Public Review Start: Apr 24, 2015
Approval Date: Jul 16, 2015

PINS Date:
Public Review Start: Jul 31, 2015
Approval Date: Dec 7, 2015

PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: May 30, 2017

PINS Date:
Public Review Start: Oct 25, 2019
Approval Date: Dec 6, 2019

PINS Date:
Public Review Start: Feb 3, 2017
Approval Date: Nov 7, 2017

ANSI/UL 2115-2017a, Standard for Safety for Processed Solid-Fuel Firelogs and Firestarters (revision of ANSI/UL 2115-2010 (R2014))
PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Nov 7, 2017

ANSI/UL 2127-2015, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2014a)
PINS Date:
Public Review Start: Mar 20, 2015
Approval Date: May 29, 2015

ANSI/UL 2127-2016, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2015)
PINS Date:
Public Review Start: Jun 24, 2016
Approval Date: Aug 3, 2016

ANSI/UL 2127-2017, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2016)
PINS Date:
Public Review Start: Sep 9, 2016
Approval Date: May 9, 2017

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Oct 17, 2018

ANSI/UL 2127-2019, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of)
PINS Date:
Public Review Start: Nov 9, 2018
Approval Date: Oct 21, 2019

ANSI/UL 2127-2020, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2019)
PINS Date:
Public Review Start: Dec 20, 2019
Approval Date: May 15, 2020

ANSI/UL 2129-2017, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129-2014)
PINS Date:
Public Review Start: Jul 29, 2016
Approval Date: Jan 5, 2017
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Jun 23, 2017</td>
<td>PINS Date: Public Review Start: Jan 19, 2018</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 2, 2018</td>
<td>Approval Date: May 28, 2018</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date:</td>
<td>Feb 15, 2018</td>
<td>Approval Date: May 28, 2018</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Dec 15, 2017</td>
<td>PINS Date: Public Review Start: Apr 28, 2017</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 15, 2018</td>
<td>Approval Date: May 28, 2018</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Feb 22, 2019</td>
<td>PINS Date: Public Review Start: Jun 14, 2019</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jul 12, 2019</td>
<td>Approval Date: Sep 20, 2019</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date:</td>
<td>Apr 20, 2015</td>
<td>Approval Date: Dec 18, 2015</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Feb 13, 2015</td>
<td>PINS Date: Public Review Start: Apr 28, 2017</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 2, 2015</td>
<td>Approval Date: Apr 6, 2018</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Public Review Start: Jul 24, 2015</td>
<td>PINS Date: Public Review Start: Oct 27, 2017</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Nov 2, 2015</td>
<td>Approval Date: Apr 6, 2018</td>
<td></td>
</tr>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>PINS Date</td>
<td>Public Review Start</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------</td>
<td>-----------</td>
<td>---------------------</td>
</tr>
<tr>
<td>ANSI/UL 2166-2015</td>
<td>Standard for Safety for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2014b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 2166B-2016</td>
<td>Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2015)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 2166C-2017</td>
<td>Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2016)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 2166E-2020</td>
<td>Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2019)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Sep 18, 2015
Approval Date: Oct 30, 2015

PINS Date:
Approval Date: Nov 23, 2016

PINS Date:
Public Review Start: Jun 28, 2019
Approval Date: Jan 2, 2020

PINS Date:
Public Review Start: May 16, 2014
Approval Date: Sep 16, 2015

PINS Date:
Public Review Start: Dec 5, 2014
Approval Date: Sep 16, 2015

PINS Date:
Public Review Start: Jul 3, 2015
Approval Date: Sep 16, 2015

PINS Date:
Approval Date: Jan 24, 2017

PINS Date:
Public Review Start: Apr 27, 2018
Approval Date: Jul 9, 2018

PINS Date:
Public Review Start: Oct 5, 2018
Approval Date: Dec 11, 2018

ANSI/UL 2196-2017, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control, and Data Cables (revision of ANSI/UL 2196-2006 (R2012))
PINS Date:
Public Review Start: Sep 23, 2016
Approval Date: Aug 29, 2017

ANSI/UL 2196-2017a, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control, and Data Cables (revision of ANSI/UL 2196-2006 (R2012))
PINS Date:
Public Review Start: Apr 14, 2017
Approval Date: Aug 29, 2017

PINS Date:
Public Review Start: Feb 23, 2018
Approval Date: Nov 30, 2018

ANSI/UL 22-2010 (R2014), Standard for Safety for Amusement and Gaming Machines (Proposal Dated 9/5/14) (reaffirmation of ANSI/UL 22-2010)
PINS Date:
Public Review Start: Sep 5, 2014
Approval Date: Oct 29, 2014
ANSI/UL 22-2010 (R2019), Standard for Safety for Amusement and Gaming Machines (reaffirmation of ANSI/UL 22-2010 (R2014))
PINS Date: Public Review Start: Nov 23, 2018 Approval Date: Feb 6, 2019

PINS Date: Public Review Start: Aug 23, 2013 Approval Date: Jul 29, 2015

PINS Date: Public Review Start: Jun 12, 2015 Approval Date: Jul 29, 2015

ANSI/UL 2201-2018, Standard for Tests for Determining CO Emission Rate of Portable Generators (new standard)
PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Jan 24, 2018

PINS Date: Public Review Start: Dec 8, 2017 Approval Date: Feb 9, 2018

PINS Date: Public Review Start: Jun 12, 2015 Approval Date: Sep 1, 2015

PINS Date: Public Review Start: Mar 13, 2020 Approval Date: May 7, 2020

PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Jan 12, 2018

PINS Date: Public Review Start: Apr 19, 2019 Approval Date: Aug 2, 2019

PINS Date: Public Review Start: Oct 2, 2015 Approval Date: Jan 29, 2016

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Jan 27, 2017

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Mar 24, 2017

PINS Date: Public Review Start: Jan 27, 2017 Approval Date: Mar 24, 2017

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 961
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Sep 21, 2018</td>
<td>Approval Date: Aug 26, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Sep 21, 2018</td>
<td>Approval Date: Aug 26, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: May 23, 2019</td>
<td>Approval Date: Sep 21, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 6, 2020</td>
<td>Approval Date: Apr 16, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Jul 26, 2019</td>
<td>Public Review Start: May 11, 2018</td>
</tr>
<tr>
<td>Approval Date: Nov 12, 2019</td>
<td>Approval Date: Oct 2, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Public Review Start: Jun 19, 2015</td>
<td>Public Review Start: Jul 26, 2018</td>
</tr>
<tr>
<td>Approval Date: Aug 26, 2016</td>
<td>Approval Date: Oct 15, 2019</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Approval Date:   Feb 20, 2015</td>
<td>Approval Date:   Nov 1, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:          Public Review Start:   Sep 26, 2014</td>
<td>PINS Date:          Public Review Start:   Feb 23, 2018</td>
</tr>
<tr>
<td>Approval Date:   Feb 20, 2015</td>
<td>Approval Date:   Nov 3, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:          Public Review Start:   Oct 3, 2014</td>
<td>PINS Date:          Public Review Start:   Aug 24, 2018</td>
</tr>
<tr>
<td>Approval Date:   Feb 20, 2015</td>
<td>Approval Date:   Mar 12, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:          Public Review Start:   Aug 17, 2018</td>
<td>PINS Date:          Public Review Start:   Jul 21, 2017</td>
</tr>
<tr>
<td>Approval Date:   Mar 22, 2019</td>
<td>Approval Date:   May 17, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:          Public Review Start:   Jul 15, 2016</td>
<td>PINS Date:          Public Review Start:   Oct 27, 2017</td>
</tr>
<tr>
<td>Approval Date:   Sep 2, 2016</td>
<td>Approval Date:   May 17, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval Date:   Nov 3, 2014</td>
<td>Approval Date:   Mar 30, 2017</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Feb 16, 2018
Approval Date: Apr 24, 2018

PINS Date:
Public Review Start: Nov 29, 2019
Approval Date: Feb 25, 2020

PINS Date:
Public Review Start: Dec 22, 2017
Approval Date: Sep 5, 2018

PINS Date:
Public Review Start: May 25, 2018
Approval Date: Sep 5, 2018

ANSI/UL 2272-2016, Standard for Safety for Electrical Systems for Self-Balancing Scooters (new standard)
PINS Date: Jan 22, 2016
Public Review Start: Apr 15, 2016
Approval Date: Nov 21, 2016

ANSI/UL 2272-2016a, Standard for Safety for Electrical Systems for Self-Balancing Scooters (new standard)
PINS Date: Jan 22, 2016
Public Review Start: Jul 15, 2016
Approval Date: Nov 21, 2016

ANSI/UL 231-2016, Standard for Safety for Power Outlets (Proposals Dated 7/8/16) (revision of ANSI/UL 231-2010 (R2014))
PINS Date:
Public Review Start: Jul 8, 2016
Approval Date: Oct 5, 2016

PINS Date:
Public Review Start: Mar 22, 2019
Approval Date: Jun 28, 2019

PINS Date:
Public Review Start: Apr 24, 2020
Approval Date: Jun 9, 2020

PINS Date:
Public Review Start: May 17, 2019
Approval Date: Aug 7, 2019

PINS Date:
Public Review Start: Jun 30, 2017
Approval Date: Aug 17, 2017

PINS Date:
Public Review Start: Mar 13, 2020
Approval Date: Jun 10, 2020

ANSI/UL 2344-2012 (R2017), Standard for Safety for Material Lifts (reaffirmation of ANSI/UL 2344-2012)
PINS Date:
Public Review Start: May 26, 2017
Approval Date: Jul 14, 2017

ANSI/UL 2351-2014 (R2018), Standard for Spray Nozzles for Fire-Protection Service (reaffirmation of ANSI/UL 2351-2014)
PINS Date:
Public Review Start: Aug 10, 2018
Approval Date: Oct 2, 2018

PINS Date:
Public Review Start: Oct 17, 2014
Approval Date: Jul 16, 2015


PINS Date:
Public Review Start: May 8, 2015
Approval Date: Jul 16, 2015


PINS Date:
Approval Date: Oct 10, 2016


PINS Date:
Approval Date: Oct 10, 2016


PINS Date:
Public Review Start: Jun 15, 2018
Approval Date: Dec 5, 2018


PINS Date:
Public Review Start: Aug 24, 2018
Approval Date: Dec 5, 2018


PINS Date:
Public Review Start: Oct 12, 2018
Approval Date: Dec 5, 2018


PINS Date:
Public Review Start: Nov 9, 2018
Approval Date: Dec 14, 2018


PINS Date:
Public Review Start: Jul 28, 2017
Approval Date: Oct 10, 2017

ANSI/UL 2367-2009 (R2018), Solid State Overcurrent Protectors (reaffirmation of ANSI/UL 2367-2009 (R2014))

PINS Date:
Public Review Start: Jul 13, 2018
Approval Date: Sep 11, 2018


PINS Date:
Public Review Start: Jul 13, 2018
Approval Date: Oct 10, 2018


PINS Date:
Public Review Start: Sep 2, 2016
Approval Date: May 3, 2017


PINS Date:
Public Review Start: Sep 12, 2008
Approval Date: Jun 12, 2009


PINS Date:
Public Review Start: Jan 25, 2008
Approval Date: Jun 12, 2009
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Description</td>
<td>Public Review Start</td>
<td>Approval Date</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>---------------------</td>
<td>--------------</td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 2459-2018</td>
<td>Standard for Safety for Insulated Multi-Pole Splicing Wire Connectors</td>
<td>May 4, 2018</td>
<td>Sep 20, 2018</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approval Date: Mar 25, 2015</td>
<td>Approval Date: Nov 20, 2014</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Mar 9, 2018</td>
<td>Approval Date: Apr 11, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Apr 4, 2018</td>
<td>Approval Date: Dec 1, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Nov 13, 2015</td>
<td>Approval Date: Apr 11, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 28, 2020</td>
<td>Approval Date: Jan 5, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Nov 18, 2014</td>
<td>Approval Date: Jul 8, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Apr 11, 2019</td>
<td>Approval Date: Jan 5, 2015</td>
</tr>
</tbody>
</table>
ANSI/UL 248-6-2005 (R2019), Low-Voltage Fuses - Part 6: Class H Non-Renewable Fuses (reaffirmation of ANSI/UL 248-6-2005 (R2015))
PINS Date: Public Review Start: May 17, 2019
Approval Date: Jul 8, 2019

ANSI/UL 248-7-2005 (R2015), Standard for Safety for Low-Voltage Fuses - Part 7: Class H Renewable Fuses (reaffirmation of ANSI/UL 248-7-2005 (R2010))
PINS Date: Public Review Start: Dec 19, 2014
Approval Date: Feb 9, 2015

PINS Date: Public Review Start: May 17, 2019
Approval Date: Jul 8, 2019

PINS Date: Public Review Start: Jun 26, 2015
Approval Date: Aug 18, 2015

PINS Date: Public Review Start: Feb 14, 2020
Approval Date: May 7, 2020

PINS Date: Public Review Start: Oct 24, 2014
Approval Date: Dec 19, 2014

PINS Date: Public Review Start: Feb 19, 2016
Approval Date: Apr 19, 2016

PINS Date: Public Review Start: Aug 26, 2016
Approval Date: Oct 7, 2016

ANSI/UL 2515-2019, Standards for Safety for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515-2014)
PINS Date: Public Review Start: Jun 8, 2018
Approval Date: Feb 5, 2019

ANSI/UL 2515A-2016, Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2014)
PINS Date: Public Review Start: Dec 4, 2015
Approval Date: Apr 26, 2016

ANSI/UL 2515A-2016a, Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2014)
PINS Date: Public Review Start: Jul 10, 2015
Approval Date: Apr 26, 2016

ANSI/UL 2515A-2019, Standard for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2016)
PINS Date: Public Review Start: Aug 23, 2019
Approval Date: Dec 13, 2019

ANSI/UL 2518-2016, Standard for Safety for Air Dispersion Systems (new standard)
PINS Date: Public Review Start: Mar 25, 2016
Approval Date: Jul 12, 2016
<table>
<thead>
<tr>
<th>Standard Code</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>

The data in this document is reported as of Monday, June 15, 2020
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Edition</td>
<td>Description</td>
<td>PINS Date</td>
<td>Public Review Start</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>ANSI/UL 2586A-2018</td>
<td>Standard for Hose Nozzle Valves for Gasoline</td>
<td>Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85)</td>
<td>Apr 6, 2018</td>
<td>Jun 29, 2018</td>
</tr>
<tr>
<td>ANSI/UL 2586B-2020</td>
<td>Standard for Safety for Hose Nozzle Valves</td>
<td>Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil</td>
<td>May 17, 2019</td>
<td>May 17, 2019</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Jul 15, 2016
Approval Date: Dec 21, 2016

ANSI/UL 2595-2015, Standard for General Requirements for Battery-Powered Appliances (revision of ANSI/UL 2595-2013a)
PINS Date:
Public Review Start: Feb 13, 2015
Approval Date: Sep 9, 2015

ANSI/UL 2595-2015a, Standard for Safety for General Requirements for Battery-Powered Appliances (revision of ANSI/UL 2595-2013a)
PINS Date:
Public Review Start: May 15, 2015
Approval Date: Sep 9, 2015

PINS Date:
Public Review Start: Nov 7, 2014
Approval Date: Jan 21, 2015

PINS Date:
Approval Date: Apr 21, 2016

PINS Date:
Approval Date: Oct 7, 2016

PINS Date:
Public Review Start: Nov 17, 2017
Approval Date: Jan 31, 2018

PINS Date:
Approval Date: Apr 21, 2016

PINS Date:
Approval Date: Oct 7, 2016

PINS Date:
Public Review Start: Dec 27, 2019
Approval Date: Feb 20, 2020
PINS Date: Mar 24, 2017
Approval Date: May 18, 2017

PINS Date: Feb 23, 2018
Approval Date: Jul 3, 2018

ANSI/UL 260-2018a, Standard for Safety for Dry Pipe and Deluge Valves for Fire-Protection Service (revision of ANSI/UL 260-2008 (R2017))
PINS Date: Apr 27, 2018
Approval Date: Jul 3, 2018

PINS Date: Jan 15, 2016
Public Review Start: Jul 6, 2018
Approval Date: Nov 29, 2018

PINS Date: Nov 8, 2019
Approval Date: Jun 12, 2020

PINS Date: Feb 6, 2015
Approval Date: Jun 2, 2015

PINS Date: Oct 6, 2017
Approval Date: Mar 2, 2018

PINS Date: Jul 11, 2014
Approval Date: Jan 11, 2016

PINS Date: Apr 17, 2015
Approval Date: Jan 11, 2016

PINS Date: May 8, 2015
Approval Date: Jan 11, 2016

PINS Date: Jun 3, 2016
Approval Date: Jul 15, 2016

PINS Date: May 31, 2019
Approval Date: Oct 31, 2019
PINS Date: Mar 1, 2013
Public Review Start: Nov 29, 2019
Approval Date: Feb 25, 2020

PINS Date: Public Review Start: Jul 1, 2016
Approval Date: Aug 12, 2016

ANSI/UL 2703-2015, Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (new standard)
PINS Date: Jul 1, 2011
Public Review Start: Sep 26, 2014
Approval Date: Jan 28, 2015

PINS Date: Nov 16, 2018
Public Review Start: May 29, 2019

PINS Date: Apr 5, 2019
Public Review Start: May 29, 2019

PINS Date: Feb 8, 2019
Public Review Start: Aug 1, 2019

PINS Date: Public Review Start: Jun 28, 2019
Approval Date: Aug 1, 2019

PINS Date: Public Review Start: Nov 8, 2019
Approval Date: Dec 16, 2019

PINS Date: Public Review Start: Nov 10, 2017
Approval Date: Jan 10, 2018

ANSI/UL 2743-2016, Standard for Portable Power Packs (new standard)
PINS Date: Dec 4, 2015
Public Review Start: May 6, 2016
Approval Date: Oct 13, 2016

ANSI/UL 2743-2016a, Standard for Portable Power Packs (new standard)
PINS Date: Dec 4, 2015
Public Review Start: Sep 9, 2016
Approval Date: Oct 13, 2016

PINS Date: Public Review Start: Oct 6, 2017
Approval Date: Jul 2, 2018

PINS Date: Public Review Start: Feb 16, 2018
Approval Date: Jul 2, 2018
PINS Date: Public Review Start: Oct 4, 2019
Approval Date: Apr 30, 2020

PINS Date: Aug 14, 2015
Public Review Start: Mar 17, 2017
Approval Date: Sep 22, 2017

ANSI/UL 2748-2017a, Standard for Safety for Arcing Fault Quenching Equipment (new standard)
PINS Date: Aug 14, 2015
Public Review Start: Jul 7, 2017
Approval Date: Sep 22, 2017

PINS Date: Public Review Start: Dec 15, 2017
Approval Date: Nov 5, 2018

PINS Date: Public Review Start: Nov 2, 2018
Approval Date: Jan 4, 2019

PINS Date: Nov 11, 2016
Public Review Start: Apr 28, 2017
Approval Date: Aug 29, 2017

PINS Date: Public Review Start: Sep 15, 2017
Approval Date: Nov 7, 2017

ANSI/UL 2775-2016, Standard for Safety for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2014)
PINS Date: Public Review Start: Jun 24, 2016
Approval Date: Aug 5, 2016

ANSI/UL 2775-2017, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2016)
PINS Date: Public Review Start: Jul 28, 2017
Approval Date: Aug 30, 2017

PINS Date: Public Review Start: Apr 28, 2017
Approval Date: Oct 19, 2017

PINS Date: Public Review Start: Aug 25, 2017
Approval Date: Oct 19, 2017

ANSI/UL 2775-2019, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2017a)
PINS Date: Public Review Start: Nov 16, 2018
Approval Date: Jul 31, 2019

ANSI/UL 2790-2010, Standard for Safety for Commercial Incinerators (new standard)
PINS Date: Jan 22, 2010
Public Review Start: May 14, 2010
Approval Date: Nov 8, 2010

ANSI/UL 2790-2010 (R2019), Standard For Safety For Commercial Incinerators (reaffirmation of ANSI/UL 2790-2010 (R2014))
PINS Date: Public Review Start: Apr 12, 2019
Approval Date: Jun 12, 2019
PINS Date: Jun 3, 2016
Public Review Start: Mar 6, 2020
Approval Date: May 22, 2020

PINS Date: Dec 19, 2014
Public Review Start: Jun 16, 2015
Approval Date: Dec 16, 2016

PINS Date: May 20, 2016
Public Review Start: May 20, 2016
Approval Date: Dec 16, 2016

PINS Date: Aug 19, 2016
Approval Date: Dec 16, 2016

PINS Date: Oct 28, 2016
Approval Date: Dec 16, 2016

PINS Date: Apr 1, 2016
Public Review Start: Jun 24, 2016
Approval Date: Dec 20, 2016

PINS Date: Public Review Start: Oct 28, 2016
Approval Date: Dec 20, 2016

ANSI/UL 2849-2020, Standard for Safety for Electrical Systems for eBikes (new standard)
PINS Date: Dec 23, 2016
Public Review Start: Nov 22, 2019
Approval Date: Jan 2, 2020

PINS Date: Jul 17, 2015
Public Review Start: May 26, 2017
Approval Date: Jul 5, 2017

PINS Date: Jan 31, 2020
Public Review Start: Jan 31, 2020
Approval Date: Jun 5, 2020

PINS Date: Jul 17, 2015
Public Review Start: Jul 28, 2017
Approval Date: Sep 1, 2017

PINS Date: Apr 17, 2020
Public Review Start: Apr 17, 2020
Approval Date: Jun 8, 2020
PINS Date: Mar 31, 2017
Public Review Start: Sep 13, 2019
Approval Date: Jan 31, 2020

PINS Date: Mar 1, 2019
Public Review Start: Apr 12, 2019
Approval Date: Jan 31, 2019

PINS Date: May 8, 2015
Public Review Start: Aug 31, 2018
Approval Date: Jan 31, 2019

PINS Date:
Public Review Start: Apr 1, 2016
Approval Date: Jul 20, 2016

PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Jan 31, 2018

PINS Date:
Public Review Start: Aug 3, 2018
Approval Date: Oct 8, 2018

ANSI/UL 294B-2013, Standard for Safety for Power Over Ethernet (PoE) Power Sources for Access Control Systems and Equipment (new standard)
PINS Date: Apr 1, 2011
Approval Date: May 10, 2013

PINS Date:
Approval Date: Feb 8, 2017

PINS Date:
Public Review Start: Dec 9, 2016
Approval Date: Feb 8, 2017

PINS Date:
Public Review Start: Jun 7, 2019
Approval Date: Aug 15, 2019

ANSI/UL 296-2011 (R2015), Standard for Safety for Oil Burners (reaffirmation of ANSI/UL 296-2011)
PINS Date:
Public Review Start: Apr 17, 2015
Approval Date: Jun 11, 2015

PINS Date:
Approval Date: Feb 24, 2017
<table>
<thead>
<tr>
<th>ANSI/UL Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 3030-2018a</td>
<td>Standard for Safety for Unmanned Aircraft Systems (new standard)</td>
<td>PINS Date: Mar 11, 2016</td>
<td>Public Review Start: May 18, 2018</td>
<td>Approval Date: Sep 18, 2018</td>
</tr>
</tbody>
</table>
ANSI/UL 310-2014a, Standard for Safety for Electrical Quick-Connect Terminals (revision of ANSI/UL 310-2009)
PINS Date:
Public Review Start: Jun 13, 2014
Approval Date: Oct 15, 2014

ANSI/UL 312-2018, Standard for Safety for Check Valves for Fire-Protection Service (revision of ANSI/UL 312-2010 (R2015))
PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 15, 2018

ANSI/UL 312-2018, Standard for Safety for Check Valves for Fire-Protection Service (revision of ANSI/UL 312-2010 (R2015))
PINS Date:
Public Review Start: Feb 2, 2018
Approval Date: Mar 15, 2018

PINS Date:
Public Review Start: Apr 19, 2019
Approval Date: Jun 28, 2019

PINS Date:
Public Review Start: Oct 17, 2014
Approval Date: May 26, 2015

PINS Date:
Public Review Start: Feb 20, 2015
Approval Date: May 26, 2015

PINS Date:
Approval Date: Feb 24, 2016

ANSI/UL 325-2016a, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)
PINS Date:
Public Review Start: Apr 29, 2016
Approval Date: Dec 7, 2016

ANSI/UL 325-2016b, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)
PINS Date:
Public Review Start: Sep 16, 2016
Approval Date: Dec 7, 2016

ANSI/UL 325-2017, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)
PINS Date:
Approval Date: Mar 7, 2017

ANSI/UL 325-2017a, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)
PINS Date:
Public Review Start: Feb 3, 2017
Approval Date: Mar 7, 2017

ANSI/UL 325-2017b, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)
PINS Date:
Public Review Start: Mar 10, 2017
Approval Date: May 19, 2017

PINS Date:
Public Review Start: Jul 6, 2018
Approval Date: Jul 12, 2019

PINS Date:
Public Review Start: Apr 19, 2019
Approval Date: Jul 12, 2019

PINS Date:
Public Review Start: Oct 18, 2019
Approval Date: Feb 28, 2020
ANSI/UL 33-2010 (R2020), Standard for Heat Responsive Links for Fire-Protection Service (reaffirmation of ANSI/UL 33-2010 (R2015))
PINS Date:  
Public Review Start: Jan 31, 2020  
Approval Date: Apr 28, 2020

ANSI/UL 330-2017, Standard for Safety for Hose and Hose Assemblies for Dispensing Flammable Liquids (revision of ANSI/UL 330-2013a)
PINS Date:   
Public Review Start: May 19, 2017  
Approval Date: Jun 29, 2017

PINS Date:   
Public Review Start: Jun 8, 2018  
Approval Date: Jul 12, 2018

PINS Date:   
Public Review Start: Dec 7, 2018  
Approval Date: Feb 22, 2019

PINS Date:  
Public Review Start: Jul 10, 2015  
Approval Date: Dec 17, 2015

PINS Date:   
Public Review Start: Aug 9, 2018  
Approval Date: Aug 9, 2018

PINS Date:   
Public Review Start: Jan 31, 2020  
Approval Date: Mar 31, 2020

PINS Date:   
Public Review Start: Oct 17, 2014  
Approval Date: Feb 6, 2015
ANSI/UL 331B-2020, Standard For Safety For Strainers for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 331B-2015)
PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Jun 3, 2020

PINS Date: Public Review Start: Jun 9, 2017 Approval Date: Jul 24, 2017

ANSI/UL 343-2013 (R2017), Standard for Safety for Pumps for Oil-Burning Appliances (reaffirmation of ANSI/UL 343-2013)
PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Dec 13, 2017

PINS Date: Public Review Start: Jul 11, 2014 Approval Date: Oct 30, 2014

PINS Date: Public Review Start: Jul 19, 2019 Approval Date: Sep 20, 2019

PINS Date: Public Review Start: Jun 20, 2014 Approval Date: Jan 29, 2016

ANSI/UL 347-2016a, Standard for Safety for Medium-Voltage AC Contactors, Controllers, and Control Centers (revision of ANSI/UL 347-2009a)
PINS Date: Public Review Start: May 15, 2015 Approval Date: Jan 29, 2016

PINS Date: Public Review Start: Jul 10, 2015 Approval Date: Sep 8, 2015

PINS Date: Public Review Start: Jan 20, 2017 Approval Date: Jun 27, 2017

PINS Date: Public Review Start: Apr 28, 2017 Approval Date: Jun 27, 2017

PINS Date: Public Review Start: Jul 13, 2018 Approval Date: Feb 19, 2019

PINS Date: Public Review Start: Oct 26, 2018 Approval Date: Feb 19, 2019

PINS Date: Public Review Start: Jul 12, 2019 Approval Date: Aug 14, 2019
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 360-2018a</td>
<td>Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2018)</td>
<td></td>
<td>Sep 21, 2018</td>
<td>Nov 27, 2018</td>
</tr>
</tbody>
</table>
ANSI/UL 3730-2014a, Standard for Photovoltaic Junction Boxes (new standard)
PINS Date: Aug 5, 2011
Public Review Start: Sep 12, 2014
Approval Date: Nov 11, 2014

ANSI/UL 3730-2017, Standard for Photovoltaic Junction Boxes (revision of ANSI/UL 3730-2014)
PINS Date:
Public Review Start: Feb 17, 2017
Approval Date: Mar 27, 2017

PINS Date:
Public Review Start: Jul 21, 2017
Approval Date: Sep 19, 2017

PINS Date:
Public Review Start: Jul 13, 2018
Approval Date: Sep 4, 2018

PINS Date:
Public Review Start: Apr 17, 2015
Approval Date: Jun 11, 2015

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Jun 5, 2020

PINS Date:
Public Review Start: Jun 28, 2019
Approval Date: Aug 19, 2019

PINS Date:
Public Review Start: Nov 4, 2016
Approval Date: Mar 30, 2017

ANSI/UL 399-2018, Standard for Safety for Drinking-Water Coolers (revision of ANSI/UL 399-2013a)
PINS Date:
Public Review Start: Mar 30, 2018
Approval Date: Aug 29, 2018

ANSI/UL 401-2014, Standard for Safety for Portable Spray Hose Nozzles for Fire-Protection Service (revision of ANSI/UL 401-2004 (R2012))
PINS Date:
Public Review Start: Jul 18, 2014
Approval Date: Oct 16, 2014

ANSI/UL 401-2017, Standard for Safety for Portable Spray Hose Nozzles for Fire-Protection Service (revision of ANSI/UL 401-2014)
PINS Date:
Public Review Start: May 5, 2017
Approval Date: Jun 29, 2017

ANSI/UL 404-2015, Standard for Safety for Gauges, Indicating Pressure, for Compressed Gas Service (revision of ANSI/UL 404-2010)
PINS Date:
Public Review Start: Dec 12, 2014
Approval Date: Feb 11, 2015

ANSI/UL 405-2018, Standard for Safety for Fire Department Connection Devices (revision of ANSI/UL 405-2014)
PINS Date:
Public Review Start: Oct 26, 2018
Approval Date: Dec 17, 2018

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020
PINS Date: Public Review Start: Oct 20, 2017 Approval Date: Dec 12, 2017

ANSI/UL 412-2017, Standard for Refrigeration Unit Coolers (revision of ANSI/UL 412-2012)
PINS Date: Public Review Start: Oct 28, 2016 Approval Date: Jan 9, 2017

PINS Date: Public Review Start: Jun 22, 2018 Approval Date: Aug 28, 2018

ANSI/UL 414-2016, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2009a (R2014))
PINS Date: Public Review Start: Oct 30, 2015 Approval Date: Jan 5, 2016

PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Jun 29, 2018

ANSI/UL 414-2018a, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2016)
PINS Date: Public Review Start: May 18, 2018 Approval Date: Jun 29, 2018

PINS Date: Public Review Start: Feb 14, 2020 Approval Date: Apr 22, 2020

PINS Date: May 6, 2016 Public Review Start: Dec 15, 2017 Approval Date: Feb 9, 2018

PINS Date: Public Review Start: Feb 14, 2020 Approval Date: Apr 9, 2020

PINS Date: Public Review Start: Apr 7, 2017 Approval Date: Oct 13, 2017

ANSI/UL 4248-11-2007 (R2018), Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse (reaffirmation of ANSI/UL 4248-11-2007 (R2012))
PINS Date: Public Review Start: Aug 4, 2017 Approval Date: Jan 19, 2018

PINS Date: Public Review Start: Aug 21, 2015 Approval Date: Nov 13, 2015

ANSI/UL 4248-4-2007 (R2018), Standard for Safety for Fuseholders - Part 4: Class CC (reaffirmation of ANSI/UL 4248-4-2007 (R2012))
PINS Date:   Feb 16, 2018
Approval Date:   Apr 4, 2018

PINS Date:   Feb 16, 2018
Approval Date:   Apr 4, 2018

PINS Date:   Feb 16, 2018
Approval Date:   Apr 4, 2018

ANSI/UL 4248-8-2018, Standard for Safety for Fuseholders - Part 8: Class J (revision of ANSI/UL 4248-8-2013)
PINS Date:   Aug 25, 2017
Approval Date:   Apr 30, 2018

PINS Date:   Feb 16, 2018
Approval Date:   Apr 4, 2018

PINS Date:   Dec 30, 2016
Approval Date:   Feb 10, 2017

ANSI/UL 428A-2015a, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (new standard)
PINS Date:   Mar 7, 2014
Public Review Start:   Mar 6, 2015
Approval Date:   Jun 4, 2015

PINS Date:   Feb 22, 2019
Approval Date:   Apr 29, 2019

PINS Date:   Jul 19, 2019
Approval Date:   Sep 30, 2019

ANSI/UL 428B-2020, Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2015 (R2019))
PINS Date:   Feb 7, 2020
Approval Date:   Apr 28, 2020

PINS Date:   Sep 12, 2014
Approval Date:   Dec 10, 2014

PINS Date:   Jul 10, 2015
Approval Date:   Sep 8, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Aug 18, 2017
Approval Date: Feb 23, 2018

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Oct 24, 2017

PINS Date:
Public Review Start: Jul 1, 2016
Approval Date: Jan 9, 2018

PINS Date:
Public Review Start: Feb 3, 2017
Approval Date: Jan 9, 2018

PINS Date:
Public Review Start: Aug 25, 2017
Approval Date: Jan 9, 2018

ANSI/UL 441-2006 (R2019), Standard for Gas Vents (reaffirmation of ANSI/UL 441-2006 (R2014))
PINS Date:
Public Review Start: Jun 28, 2019
Approval Date: Aug 19, 2019

ANSI/UL 443-2008 (R2018), Standard for Safety for Steel Auxiliary Tanks for Oil-Burner Fuel (reaffirmation of ANSI/UL 443-2008 (R2013))
PINS Date:
Public Review Start: Feb 16, 2018
Approval Date: May 30, 2018

ANSI/UL 444-2015, Standard for Safety for Communications Cables (revision of ANSI/UL 444-2010b)
PINS Date:
Public Review Start: Sep 26, 2014
Approval Date: Apr 30, 2015

PINS Date:
Public Review Start: Jun 3, 2016
Approval Date: Jan 20, 2017

PINS Date:
Public Review Start: Oct 20, 2017
Approval Date: Sep 24, 2018

ANSI/UL 448-2016, Standard for Safety for Centrifugal Stationary Pumps for Fire-Protection Service (revision of ANSI/UL 448-2013)
PINS Date:
Approval Date: Feb 3, 2016

PINS Date:
Public Review Start: Jul 28, 2017
Approval Date: Oct 19, 2017

PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Mar 30, 2020

PINS Date:
Public Review Start: Jul 28, 2017
Approval Date: Sep 22, 2017

Provided by American National Standards Institute    www.ansi.org    Monday, June 15, 2020    PAGE | 987
ANSI/UL 448B-2013 (R2017), Standard for Safety for Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes (reaffirmation of ANSI/UL 448B-2013)
PINS Date: 
Public Review Start: Oct 27, 2017
Approval Date: Dec 21, 2017

ANSI/UL 448C-2014 (R2018), Standard for Safety for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (reaffirmation of ANSI/UL 448C-2014)
PINS Date: 
Public Review Start: Sep 21, 2018
Approval Date: Nov 28, 2018

PINS Date: 
Public Review Start: Nov 6, 2015
Approval Date: Dec 23, 2015

PINS Date: 
Public Review Start: Dec 12, 2014
Approval Date: Sep 2, 2015

PINS Date: 
Public Review Start: Jun 12, 2015
Approval Date: Sep 2, 2015

PINS Date: Jul 6, 2018
Public Review Start: Feb 14, 2020
Approval Date: Apr 1, 2020

PINS Date: 
Public Review Start: Nov 21, 2014
Approval Date: Jan 28, 2016

PINS Date: 
Public Review Start: May 29, 2015
Approval Date: Jan 28, 2016

PINS Date: 
Public Review Start: Nov 18, 2016
Approval Date: Sep 5, 2017

ANSI/UL 464A-2016, Standard for Safety for Audible Signal Appliances for General Signaling Use (new standard)
PINS Date: May 31, 2013
Public Review Start: Oct 9, 2015
Approval Date: Feb 3, 2016

ANSI/UL 467-2013 (R2017), Standard for Safety for Grounding and Bonding Equipment (reaffirmation of ANSI/UL 467-2013)
PINS Date: 
Public Review Start: Apr 14, 2017
Approval Date: Jun 7, 2017

PINS Date: 
Public Review Start: Mar 31, 2017
Approval Date: May 25, 2017

ANSI/UL 4703-2014, Standard for Safety for Photovoltaic Wire (Proposal Dated 5-9-14) (new standard)
PINS Date: Nov 25, 2011
Public Review Start: Oct 18, 2013
Approval Date: Sep 30, 2014
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Nov 25, 2011</td>
<td>PINS Date: Jul 25, 2014</td>
</tr>
<tr>
<td>Approval Date: Sep 30, 2014</td>
<td>Approval Date: Jul 14, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Nov 17, 2014</td>
<td>Approval Date: Jul 14, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Jun 16, 2016</td>
<td>Approval Date: Jun 19, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Dec 8, 2016</td>
<td>Approval Date: Jun 19, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Nov 8, 2018</td>
<td>Approval Date: Jun 19, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Nov 8, 2018</td>
<td>Approval Date: Oct 21, 2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Jun 25, 2019</td>
<td>Approval Date: Nov 10, 2017</td>
</tr>
<tr>
<td>Standard Number</td>
<td>Standard Title</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>ANSI/UL 484-2018</td>
<td>Standard for Room Air Conditioners</td>
</tr>
<tr>
<td>ANSI/UL 486C-2018</td>
<td>Standard for Safety for Splicing Wire Connectors</td>
</tr>
</tbody>
</table>
PINS Date:   
Public Review Start:   Jan 23, 2015  
Approval Date:   Jun 19, 2015  

PINS Date:   
Public Review Start:   Jul 14, 2017  
Approval Date:   Oct 20, 2017  

ANSI/UL 486E-2015, Standard for Safety for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors (revision of ANSI/UL 486E-2013)
PINS Date:   
Approval Date:   Sep 30, 2015  

PINS Date:   
Public Review Start:   Aug 25, 2017  
Approval Date:   Nov 2, 2017  

PINS Date:   
Public Review Start:   Feb 8, 2019  
Approval Date:   Apr 2, 2019  

ANSI/UL 486F-2015, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2014)
PINS Date:   
Public Review Start:   May 1, 2015  
Approval Date:   Aug 7, 2015  

ANSI/UL 486F-2018, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2015)
PINS Date:   
Public Review Start:   Aug 11, 2017  
Approval Date:   Jan 12, 2018  

ANSI/UL 486F-2019, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2018)
PINS Date:   
Public Review Start:   Feb 8, 2019  
Approval Date:   Sep 9, 2019  

ANSI/UL 486F-2019a, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2018)
PINS Date:   
Public Review Start:   Jun 7, 2019  
Approval Date:   Sep 9, 2019  

PINS Date:   
Public Review Start:   Jul 21, 2017  
Approval Date:   Jan 26, 2018  

PINS Date:   
Public Review Start:   Nov 13, 2015  
Approval Date:   Oct 24, 2016  

PINS Date:   
Public Review Start:   May 27, 2016  
Approval Date:   Oct 24, 2016  

PINS Date:   
Public Review Start:   May 11, 2018  
Approval Date:   Apr 22, 2019  

PINS Date:   
Public Review Start:   May 11, 2018  
Approval Date:   Apr 22, 2019  

Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020
PINS Date: Public Review Start: Dec 21, 2018 Approval Date: Apr 22, 2019

PINS Date: Public Review Start: Apr 13, 2018 Approval Date: Jul 3, 2018


PINS Date: Nov 25, 2011 Public Review Start: Nov 6, 2015 Approval Date: Mar 7, 2016

PINS Date: Public Review Start: Aug 26, 2016 Approval Date: Oct 26, 2016

ANSI/UL 493-2018, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (new standard)
PINS Date: Public Review Start: Aug 24, 2018 Approval Date: Dec 10, 2018

PINS Date: Public Review Start: Nov 1, 2019 Approval Date: Dec 18, 2019

PINS Date: Public Review Start: Feb 14, 2020 Approval Date: May 7, 2020

ANSI/UL 496-2017, Standard for Safety for Lampholders (revision of ANSI/UL 496-2013b)
PINS Date: Public Review Start: May 6, 2016 Approval Date: Sep 5, 2017

ANSI/UL 496-2017a, Standard for Safety for Lampholders (revision of ANSI/UL 496-2013)
PINS Date: Public Review Start: Jun 23, 2017 Approval Date: Sep 5, 2017

ANSI/UL 497-2004 (R2017), Standard for Safety for Protectors for Paired-Conductor Communications Circuits (reaffirmation of ANSI/UL 497-2004 (R2013))
PINS Date: Public Review Start: Aug 11, 2017 Approval Date: Oct 6, 2017

PINS Date: Public Review Start: Dec 23, 2016 Approval Date: Feb 10, 2017

PINS Date: Public Review Start: Jul 26, 2019 Approval Date: Oct 1, 2019
ANSI/UL 497B-2004 (R2017), Standard for Safety for Protectors for Data Communications and Fire Alarm Circuits (reaffirmation of ANSI/UL 497B-2004 (R2012))

PINS Date:
Approval Date: Feb 10, 2017

ANSI/UL 497C-2004 (R2017), Standard for Safety for Protectors for Coaxial Communications Circuits (reaffirmation of ANSI/UL 497C-2004 (R2012))

PINS Date:
Approval Date: Feb 10, 2017


PINS Date:
Public Review Start: Jun 19, 2015
Approval Date: Jan 20, 2016


PINS Date:
Approval Date: Jan 20, 2016


PINS Date:
Public Review Start: Apr 8, 2016
Approval Date: May 13, 2016

ANSI/UL 498-2016c, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2016)

PINS Date:
Public Review Start: May 27, 2016
Approval Date: Jul 7, 2016


PINS Date:
Public Review Start: Dec 2, 2016
Approval Date: Apr 28, 2017


PINS Date:
Public Review Start: Feb 3, 2017
Approval Date: Apr 28, 2017


PINS Date:
Public Review Start: Feb 17, 2017
Approval Date: Jul 28, 2017


PINS Date:
Public Review Start: Jun 16, 2017
Approval Date: Jul 28, 2017


PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Nov 3, 2017


PINS Date:
Public Review Start: Mar 9, 2018
Approval Date: Jun 27, 2018


PINS Date:
Public Review Start: Aug 17, 2018
Approval Date: Dec 14, 2018


PINS Date:
Public Review Start: May 11, 2018
Approval Date: Jun 27, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Number</td>
<td>Title</td>
<td>Editions</td>
<td>PINS Date</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
<td>-----------------</td>
</tr>
</tbody>
</table>
ANSI/UL 507-2016, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2015)
PINS Date:
Public Review Start: Nov 6, 2015
Approval Date: Mar 9, 2016

ANSI/UL 507-2016a, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2015a)
PINS Date:
Public Review Start: Jan 29, 2016
Approval Date: Mar 9, 2016

(proposal dated 11/11/16) (revision of ANSI/UL 507-2016)
PINS Date:
Approval Date: Jan 25, 2017

ANSI/UL 507-2017a, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2016)
PINS Date:
Public Review Start: Jan 20, 2017
Approval Date: Nov 9, 2017

ANSI/UL 507-2017b, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2016)
PINS Date:
Public Review Start: Jan 27, 2017
Approval Date: Nov 9, 2017

ANSI/UL 507-2017c, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2017)
PINS Date:
Public Review Start: Aug 11, 2017
Approval Date: Nov 9, 2017

ANSI/UL 507-2017d, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2017)
PINS Date:
Public Review Start: Sep 1, 2017
Approval Date: Nov 9, 2017

(revision of ANSI/UL 507-2017)
PINS Date:
Public Review Start: Jan 19, 2018
Approval Date: Feb 21, 2018

ANSI/UL 507-2018a, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2017d)
PINS Date:
Public Review Start: Mar 23, 2018
Approval Date: Aug 15, 2018

ANSI/UL 507-2018b, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2017d)
PINS Date:
Public Review Start: Jun 22, 2018
Approval Date: Aug 15, 2018

ANSI/UL 507-2018c, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2018)
PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Nov 6, 2018

ANSI/UL 507-2020, Standard for Safety for Electric Fans
(revision of ANSI/UL 507-2018)
PINS Date:
Public Review Start: Jan 10, 2020
Approval Date: May 27, 2020

ANSI/UL 508-2018, Standard for Safety for Industrial
Control Equipment (revision of ANSI/UL 508-2008)
PINS Date:
Public Review Start: Mar 1, 2013
Approval Date: Mar 30, 2018

ANSI/UL 508-2018a, Standard for Safety for Industrial
Control Equipment (revision of ANSI/UL 508-2013)
PINS Date:
Approval Date: Mar 30, 2018

ANSI/UL 5085-1-2013 (R2018), Standard for Safety for
Low Voltage Transformers - Part 1: General Requirements
(reaffirmation of ANSI/UL 5085-1-2013)
PINS Date:
Public Review Start: Nov 24, 2013
Approval Date: Jan 17, 2018
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>Reaffirmation Date</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 508C-2018a</td>
<td>Standard for Safety for Power Conversion Equipment</td>
<td>revision of ANSI/UL 508C-2016</td>
<td>Sep 8, 2017</td>
<td>Jun 11, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 5010-2020</td>
<td>Standard for Safety for Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape</td>
<td>new standard</td>
<td>Nov 22, 2019</td>
<td>Apr 17, 2020</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Mar 22, 2019
Public Review Start: Nov 22, 2019
Approval Date: Apr 17, 2020

ANSI/UL 514A-2015, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2013A)
PINS Date:
Public Review Start: Apr 17, 2015
Approval Date: Jul 6, 2015

PINS Date:
Public Review Start: Feb 10, 2017
Approval Date: Aug 11, 2017

ANSI/UL 514B-2020, Standard for Conduit, Tubing, and Cable Fittings (revision of ANSI/UL 514B-2014)
PINS Date:
Public Review Start: Dec 6, 2019
Approval Date: May 22, 2020

PINS Date:
Public Review Start: Sep 28, 2018
Approval Date: Nov 30, 2018

PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Feb 6, 2020

PINS Date:
Public Review Start: May 22, 2015
Approval Date: Mar 4, 2016

PINS Date:
Public Review Start: Jan 30, 2015
Approval Date: Apr 9, 2015

PINS Date:
Approval Date: Oct 12, 2016

PINS Date:
Public Review Start: Oct 27, 2017
Approval Date: Dec 8, 2017

PINS Date:
Public Review Start: Apr 19, 2019
Approval Date: Jul 1, 2019

ANSI/UL 525-2008 (R2017), Standard for Safety for Flame Arresters (reaffirmation of ANSI/UL 525-2008 (R2012))
PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Oct 12, 2017

PINS Date:
Approval Date: Dec 23, 2014
<table>
<thead>
<tr>
<th>ANSI/UL Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 541-2016</td>
<td>Refrigerated Vending Machines (revision of ANSI/UL 541-2014)</td>
<td></td>
<td>Feb 12, 2016</td>
<td>Apr 21, 2016</td>
</tr>
</tbody>
</table>

The data in this document is reported as of Monday, June 15, 2020.
ANSI/UL 558-2015b, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2014)
PINS Date: 
Public Review Start: Jul 10, 2015
Approval Date: Aug 26, 2015

PINS Date: 
Approval Date: Dec 14, 2016

PINS Date: 
Approval Date: Dec 14, 2016

PINS Date: 
Public Review Start: Jul 14, 2017
Approval Date: Aug 23, 2017

PINS Date: 
Public Review Start: Aug 18, 2017
Approval Date: Nov 20, 2017

PINS Date: 
Public Review Start: Feb 21, 2020
Approval Date: Jun 1, 2020

ANSI/UL 561-2011 (R2018), Standard for Safety for Floor Finishing Machines (reaffirmation of ANSI/UL 561-2011)
PINS Date: 
Public Review Start: Nov 3, 2017
Approval Date: Jan 9, 2018

ANSI/UL 563-2017, Standard for Ice Makers (revision of ANSI/UL 563-2013)
PINS Date: 
Public Review Start: Nov 18, 2016
Approval Date: Jan 12, 2017

PINS Date: 
Public Review Start: Mar 16, 2018
Approval Date: Aug 30, 2018

PINS Date: 
Public Review Start: Jul 6, 2018
Approval Date: Aug 30, 2018

PINS Date: 
Public Review Start: Oct 20, 2017
Approval Date: Dec 12, 2017

PINS Date: 
Public Review Start: Jan 19, 2018
Approval Date: Feb 22, 2018

PINS Date: 
Public Review Start: Feb 10, 2017
Approval Date: Jul 27, 2017

PINS Date: 
Public Review Start: Jun 9, 2017
Approval Date: Jul 27, 2017
ANSI/UL 567A-2015, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)
PINS Date: Feb 14, 2014
Public Review Start: Oct 17, 2014
Approval Date: Mar 5, 2015

PINS Date:
Public Review Start: May 1, 2015
Approval Date: Jun 17, 2015

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Jun 29, 2018

PINS Date:
Public Review Start: Nov 16, 2018
Approval Date: Apr 1, 2019

PINS Date:
Public Review Start: May 1, 2015
Approval Date: Jun 17, 2015

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Jun 29, 2018

PINS Date:
Public Review Start: Jan 31, 2020
Approval Date: Apr 1, 2020

PINS Date:
Public Review Start: May 17, 2019
Approval Date: Sep 9, 2019

PINS Date:
Public Review Start: May 19, 2017
Approval Date: Jul 27, 2017

ANSI/UL 574-2014 (R2019), Standard for Safety for Electric Oil Heaters (reaffirmation of ANSI/UL 574-2014)
PINS Date:
Public Review Start: Jul 19, 2019
Approval Date: Sep 6, 2019

PINS Date:
Public Review Start: Sep 6, 2013
Approval Date: Oct 29, 2013
PINS Date:  
Public Review Start: Jan 4, 2019  
Approval Date: Apr 26, 2019

ANSI/UL 583-2015, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2014)  
PINS Date:  
Approval Date: Apr 10, 2015

ANSI/UL 583-2015a, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2014a)  
PINS Date:  
Public Review Start: Jan 23, 2015  
Approval Date: Apr 10, 2015

PINS Date:  
Public Review Start: Nov 20, 2015  
Approval Date: May 25, 2016

PINS Date:  
Public Review Start: Jul 15, 2016  
Approval Date: Nov 23, 2016

PINS Date:  
Public Review Start: Sep 30, 2016  
Approval Date: Nov 23, 2016

ANSI/UL 583-2018, Standard For Safety For Electric-Battery-Powered Industrial Trucks (proposal dated 09/08/17) (revision of ANSI/UL 583-2016)  
PINS Date:  
Public Review Start: Sep 8, 2017  
Approval Date: Mar 6, 2018

PINS Date:  
Public Review Start: Jul 21, 2017  
Approval Date: Dec 19, 2017

PINS Date:  
Public Review Start: Oct 20, 2017  
Approval Date: Dec 19, 2017

ANSI/UL 588-2015, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)  
PINS Date:  
Public Review Start: May 2, 2014  
Approval Date: Jun 1, 2015

ANSI/UL 588-2015a, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)  
PINS Date:  
Public Review Start: Mar 7, 2014  
Approval Date: Oct 26, 2015

ANSI/UL 588-2015b, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)  
PINS Date:  
Public Review Start: Sep 19, 2014  
Approval Date: Oct 26, 2015

ANSI/UL 588-2015c, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)  
PINS Date:  
Public Review Start: Mar 20, 2015  
Approval Date: Oct 26, 2015

ANSI/UL 588-2015d, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)  
PINS Date:  
Public Review Start: Apr 10, 2015  
Approval Date: Oct 26, 2015
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: May 19, 2017
Approval Date: Sep 15, 2017

PINS Date: Jul 14, 2017
Approval Date: Jan 9, 2018

PINS Date: Oct 27, 2017
Approval Date: Jan 9, 2018

PINS Date: Jun 15, 2018
Approval Date: Nov 27, 2018

PINS Date: Apr 10, 2020
Approval Date: May 21, 2020

PINS Date: Sep 26, 2014
Approval Date: Jun 26, 2015

PINS Date: Aug 21, 2015
Approval Date: Jun 3, 2016

PINS Date: Mar 27, 2015
Approval Date: Jun 26, 2015

ANSI/UL 5B-2019, Standard for Strut-Type Channel Raceways and Fittings (revision of ANSI/UL 5B-2014)
PINS Date: Dec 21, 2018
Approval Date: Feb 26, 2019

ANSI/UL 5C-2010 (R2015), Standard for Safety for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits (reaffirmation of ANSI/UL 5C-2010)
PINS Date: Jan 16, 2015
Approval Date: Jun 26, 2015

ANSI/UL 5C-2016, Standard for Safety for Surface Metal Raceways and Fittings for Use with Data, Signal, and Control Circuits (revision of ANSI/UL 5C-2010 (R2015))
PINS Date: Feb 26, 2016
Approval Date: Apr 22, 2016

ANSI/UL 6-2014, Standard for Safety for Electrical Rigid Metal Conduit - Steel (revision of ANSI/UL 6-2010)
PINS Date: Mar 28, 2014
Approval Date: Nov 14, 2014

ANSI/UL 6-2019, Standard for Electrical Rigid Metal Conduit – Steel (revision of ANSI/UL 6-2014)
PINS Date: Jan 18, 2019
Approval Date: Sep 27, 2019

ANSI/UL 60034-1-2016, Standard for Safety for Rotating Electrical Machines - Part 1: Rating and Performance (identical national adoption of IEC 60034-1)
PINS Date: Aug 21, 2015
Approval Date: Jul 26, 2016

IEC Adoption

PINS Date:
Public Review Start: Jul 20, 2018
Approval Date: Sep 11, 2018

IEC Adoption


PINS Date: Aug 21, 2015
Approval Date: Feb 17, 2017

IEC Adoption

ANSI/UL 60034-5-2019, Rotating Electrical Machines - Part 5: Degrees of Protection Provided by the Integral Design of Rotating Electrical Machines (IP Code) - Classification (identical national adoption of IEC 60034-5)

PINS Date: Mar 30, 2018
Public Review Start: Oct 26, 2018
Approval Date: Jan 14, 2019

IEC Adoption

ANSI/UL 60065-2015, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2013)

PINS Date:
Public Review Start: Jul 24, 2015
Approval Date: Sep 30, 2015

IEC Adoption

ANSI/UL 60065-2015a, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2013)

PINS Date:
Public Review Start: May 15, 2015
Approval Date: Sep 30, 2015

IEC Adoption


PINS Date:
Public Review Start: Nov 30, 2018
Approval Date: Mar 26, 2019

IEC Adoption


PINS Date:
Public Review Start: Feb 14, 2020
Approval Date: Apr 15, 2020

IEC Adoption


PINS Date:
Public Review Start: May 22, 2015
Approval Date: Sep 18, 2015

IEC Adoption


PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Jan 23, 2020

IEC Adoption


PINS Date:
Public Review Start: Apr 20, 2018
Approval Date: Sep 14, 2018

IEC Adoption


PINS Date: Sep 9, 2011
Public Review Start: Jan 24, 2020
Approval Date: Apr 20, 2020

IEC Adoption
PINS Date: Mar 3, 2017
Approval Date: May 5, 2017
IEC Adoption

PINS Date: Nov 29, 2019
Approval Date: Apr 7, 2020
IEC Adoption

ANSI/UL 60079-17-2017, Standard for Safety for Explosive Atmospheres - Part 17: Electrical Installations Inspection and Maintenance (Proposal dated 02-17-17) (national adoption with modifications of IEC 60079-17)
PINS Date: Mar 4, 2016
Public Review Start: Jul 15, 2016
Approval Date: May 12, 2017
IEC Adoption

ANSI/UL 60079-17-2017a, Standard for Safety for Explosive Atmospheres - Part 17: Electrical Installations Inspection and Maintenance (Proposal dated 02-17-17) (national adoption with modifications of IEC 60079-17)
PINS Date: Mar 4, 2016
Public Review Start: Feb 17, 2017
Approval Date: May 12, 2017
IEC Adoption

PINS Date: Oct 9, 2015
Approval Date: Dec 14, 2015
IEC Adoption

PINS Date: Jan 29, 2016
Approval Date: Mar 14, 2016
IEC Adoption

PINS Date: Dec 16, 2016
Approval Date: Feb 20, 2017
IEC Adoption

PINS Date: Apr 6, 2018
Approval Date: May 25, 2018
IEC Adoption

PINS Date: Dec 7, 2018
Approval Date: Feb 7, 2019
IEC Adoption

PINS Date: Sep 25, 2015
Approval Date: Jan 16, 2015
IEC Adoption

PINS Date: Apr 7, 2017
Approval Date: Jun 2, 2017
IEC Adoption

PINS Date: Sep 25, 2015
Approval Date: Nov 20, 2015
IEC Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:  
Approval Date: Apr 21, 2017  
IEC Adoption

PINS Date:  
Public Review Start: Feb 24, 2017  
Approval Date: Apr 21, 2017  
IEC Adoption

PINS Date:  
Public Review Start: May 26, 2017  
Approval Date: Jul 21, 2017  
IEC Adoption

PINS Date:  
Approval Date: Sep 15, 2017  
IEC Adoption

PINS Date:  
Public Review Start: Jul 28, 2017  
Approval Date: Sep 15, 2017  
IEC Adoption

PINS Date:  
Public Review Start: Nov 8, 2019  
Approval Date: Feb 27, 2020  
IEC Adoption

PINS Date:  
Public Review Start: Nov 9, 2018  
Approval Date: May 31, 2019  
IEC Adoption

PINS Date:  
Public Review Start: Feb 15, 2019  
Approval Date: May 31, 2019  
IEC Adoption

PINS Date:  
Public Review Start: May 11, 2018  
Approval Date: Oct 15, 2018  
IEC Adoption

PINS Date:  
Public Review Start: Dec 1, 2017  
Approval Date: Aug 24, 2018  
IEC Adoption
ANSI/UL 60079-29-4-2018a, Standard for Safety for Explosive Atmospheres - Part 29-4: Gas Detectors - Performance Requirements of Open Path Detectors for Flammable Gases (national adoption with modifications of IEC 60079-29-4)
PINS Date: Feb 16, 2018
Approval Date: Aug 24, 2018
IEC Adoption

PINS Date: Sep 30, 2016
Public Review Start: Mar 10, 2017
Approval Date: May 5, 2017
IEC Adoption

PINS Date: Jan 23, 2015
Public Review Start: Jun 12, 2015
Approval Date: Jun 12, 2015
IEC Adoption

PINS Date: Apr 3, 2015
Public Review Start: Jun 12, 2015
Approval Date: Jun 12, 2015
IEC Adoption

PINS Date: Jan 29, 2016
Public Review Start: Apr 29, 2016
Approval Date: Apr 29, 2016
IEC Adoption

ANSI/UL 60079-6-2016, Standard for Safety for Explosive Atmospheres - Part 6: Equipment Protection by Liquid Immersion "o" (Proposal dated 01-29-16) (identical national adoption of IEC 60079-6 and revision of ANSI/UL 60079-6-2009 (R2013) (12.00.05))
PINS Date: Jan 29, 2016
Approval Date: Apr 29, 2016
IEC Adoption

ANSI/UL 60079-7-2017, Standard for Safety for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety "e" (Proposal dated 06-03-16) (national adoption of IEC 60079-7 with modifications and revision of ANSI/UL 60079-7-2008 (R2013))
PINS Date: Jun 3, 2016
Approval Date: Feb 24, 2017
IEC Adoption

ANSI/UL 60079-7-2017a, Standard for Safety for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety "e" (Proposal dated 12-16-16) (national adoption of IEC 60079-7 with modifications and revision of ANSI/UL 60079-7-2008 (R2013))
PINS Date: Dec 16, 2016
Approval Date: Feb 24, 2017
IEC Adoption

PINS Date: May 11, 2018
Approval Date: Jul 6, 2018

PINS Date: May 29, 2015
Approval Date: Jul 22, 2015
IEC Adoption

PINS Date: Public Review Start: Jun 8, 2018 Approval Date: Feb 15, 2019

IEC Adoption


PINS Date: Public Review Start: Sep 27, 2019 Approval Date: Feb 17, 2020

IEC Adoption


PINS Date: Public Review Start: Jun 8, 2018 Approval Date: Feb 15, 2019

IEC Adoption


PINS Date: Public Review Start: Feb 5, 2016 Approval Date: Oct 31, 2016

IEC Adoption


PINS Date: Public Review Start: Jul 8, 2016 Approval Date: Oct 31, 2016

IEC Adoption


PINS Date: Public Review Start: Aug 18, 2017 Approval Date: Sep 29, 2017


PINS Date: Public Review Start: Mar 18, 2016 Approval Date: Apr 28, 2017

IEC Adoption


PINS Date: Public Review Start: Dec 23, 2016 Approval Date: Apr 28, 2017

IEC Adoption


PINS Date: Public Review Start: Feb 22, 2019 Approval Date: May 22, 2019

IEC Adoption


PINS Date: Public Review Start: Oct 4, 2019 Approval Date: Feb 27, 2020

IEC Adoption


PINS Date: Public Review Start: Mar 25, 2016 Approval Date: May 11, 2016

IEC Adoption
PINS Date: Public Review Start: Mar 24, 2017 Approval Date: Nov 3, 2017
IEC Adoption

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Nov 3, 2017
IEC Adoption

PINS Date: Public Review Start: Dec 30, 2016 Approval Date: May 15, 2017
IEC Adoption

PINS Date: Public Review Start: Mar 10, 2017 Approval Date: May 15, 2017
IEC Adoption

PINS Date: Public Review Start: Sep 16, 2016 Approval Date: Sep 15, 2017
IEC Adoption

PINS Date: Public Review Start: May 26, 2017 Approval Date: Sep 15, 2017
IEC Adoption

PINS Date: Public Review Start: Jul 12, 2019 Approval Date: Nov 1, 2019
IEC Adoption

PINS Date: Apr 26, 2019 Public Review Start: Feb 7, 2020 Approval Date: Apr 24, 2020
IEC Adoption

PINS Date: Jan 1, 2016 Public Review Start: Sep 1, 2017 Approval Date: Dec 22, 2017
IEC Adoption

ANSI/UL 60335-2-68-2020, Standard for Safety for Household and Similar Electrical Appliances (national adoption with modifications of IEC 60335-2-68)
PINS Date: Apr 12, 2019 Public Review Start: Oct 25, 2019 Approval Date: May 8, 2020
IEC Adoption
ANSI/UL 60335-2-72-2017, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines With or Without Traction Drive, for Commercial Use (national adoption with modifications of IEC 60335-2-72)
PINS Date: Mar 15, 2013
Public Review Start: May 26, 2017
Approval Date: Sep 15, 2017
IEC Adoption

ANSI/UL 60335-2-72-2017a, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines With or Without Traction Drive, for Commercial Use (national adoption with modifications of IEC 60335-2-72)
PINS Date: Mar 15, 2013
Public Review Start: Dec 30, 2016
Approval Date: Sep 15, 2017
IEC Adoption

PINS Date:
Public Review Start: Jul 19, 2019
Approval Date: Nov 8, 2019
IEC Adoption

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Jan 14, 2016
IEC Adoption

PINS Date:
Public Review Start: Apr 6, 2018
Approval Date: Jun 14, 2018
IEC Adoption

PINS Date:
Public Review Start: Aug 17, 2018
Approval Date: Oct 3, 2018
IEC Adoption

ANSI/UL 60335-2-89-2017, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor (national adoption with modifications of IEC 60335-2-89)
PINS Date: Dec 2, 2016
Public Review Start: Jun 16, 2017
Approval Date: Sep 29, 2017
IEC Adoption

ANSI/UL 60335-2-89-2017a, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor (national adoption with modifications of IEC 60335-2-89)
PINS Date: Dec 2, 2016
Public Review Start: Feb 24, 2017
Approval Date: Sep 29, 2017
IEC Adoption

PINS Date:
Approval Date: Dec 5, 2016
IEC Adoption

PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: Jun 1, 2017
IEC Adoption
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Adoption Type</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 60730-2-10-2013 (R2018)</td>
<td>Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Motor Starting Relays (reaffirmation of ANSI/UL 60730-2-10-2013)</td>
<td>IEC Adoption</td>
<td>Public Review Start: Nov 17, 2017</td>
<td>Approval Date: Jan 23, 2018</td>
<td></td>
</tr>
<tr>
<td>ANSI/UL 60730-2-11-2013 (R2018)</td>
<td>Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Energy Regulators (reaffirmation of ANSI/UL 60730-2-11-2013)</td>
<td>IEC Adoption</td>
<td>Public Review Start: Nov 17, 2017</td>
<td>Approval Date: Jan 24, 2018</td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Public Review Start:  Jun 21, 2019 Approval Date:  Jan 7, 2020 IEC Adoption

ANSI/UL 60730-2-3-2013 (R2017), Automatic Electrical Controls for Household and Similar Use; Part 2 Particular Requirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps  (reaffirmation of ANSI/UL 60730-2-3-2013)
PINS Date: Public Review Start:  Jun 16, 2017 Approval Date:  Aug 16, 2017 IEC Adoption

PINS Date: Dec 23, 2011 Public Review Start:  Feb 1, 2013 Approval Date:  Jan 30, 2014 IEC Adoption

ANSI/UL 60730-2-6-2016, Standard for Automatic Electrical Controls - Part 2-6: Particular Requirements for Automatic Electrical Pressure Sensing Controls Including Mechanical Requirements  (national adoption of IEC 60730-2-6 with modifications and revision of ANSI/UL 60730-2-6-2013)
PINS Date: Public Review Start:  Sep 30, 2016 Approval Date:  Dec 22, 2016 IEC Adoption

ANSI/UL 60730-2-7-2014, Standard for Automatic Electrical Controls for Household and Similar Use - Part 2 -7: Particular Requirements for Timers and Time Switches  (identical national adoption of IEC 60730-2-7)
PINS Date: Aug 30, 2013 Public Review Start:  Oct 18, 2013 Approval Date:  Mar 21, 2014 IEC Adoption

ANSI/UL 60730-2-8-2017, Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Electrically Operated Water Valves, Including Mechanical Requirements  (national adoption of IEC 60730-2-8 with modifications and revision of ANSI/UL 60730-2-8-2007 (R2012))
PINS Date: Public Review Start:  Feb 3, 2017 Approval Date:  May 10, 2017 IEC Adoption

PINS Date: Public Review Start:  Dec 2, 2016 Approval Date:  Feb 14, 2017 IEC Adoption

PINS Date: Public Review Start:  Mar 6, 2020 Approval Date:  May 26, 2020 IEC Adoption

PINS Date: Public Review Start:  Sep 28, 2018 Approval Date:  Jan 28, 2019 IEC Adoption

PINS Date: Public Review Start:  Jan 24, 2020 Approval Date:  Apr 30, 2020 IEC Adoption

PINS Date: Public Review Start:  Jun 17, 2016 Approval Date:  Aug 4, 2016 IEC Adoption
PINS Date:
Public Review Start:  Jun 28, 2019
Approval Date:  Sep 4, 2019
IEC Adoption

PINS Date:
Public Review Start:  Jan 25, 2019
Approval Date:  Apr 9, 2019
IEC Adoption

PINS Date:
Public Review Start:  Nov 18, 2016
Approval Date:  Feb 17, 2017
IEC Adoption

PINS Date:
Public Review Start:  Apr 10, 2015
Approval Date:  Jul 31, 2015
IEC Adoption

PINS Date:
Public Review Start:  May 8, 2015
Approval Date:  Mar 24, 2016
IEC Adoption

PINS Date:
Public Review Start:  Sep 25, 2015
Approval Date:  Mar 24, 2016
IEC Adoption

PINS Date:
Public Review Start:  Jan 20, 2017
Approval Date:  Apr 28, 2017
IEC Adoption

PINS Date:
Public Review Start:  Apr 13, 2018
Approval Date:  Jun 22, 2018
IEC Adoption

PINS Date:
Public Review Start:  Nov 21, 2014
Approval Date:  Jan 26, 2015
IEC Adoption

PINS Date:
Public Review Start:  May 18, 2018
Approval Date:  Jul 27, 2018
IEC Adoption

PINS Date:
Public Review Start:  Apr 10, 2015
Approval Date:  Jul 31, 2015
IEC Adoption
PINS Date:   Mar 27, 2020
Approval Date:   Jun 4, 2020

PINS Date:   Apr 5, 2019
Approval Date:   Jun 11, 2019

PINS Date:   Apr 10, 2015
Approval Date:   Jul 31, 2015

PINS Date:   Mar 27, 2020
Approval Date:   Jun 4, 2020

PINS Date:   Sep 13, 2019
Approval Date:   Nov 25, 2019

PINS Date:   Apr 5, 2019
Approval Date:   Jun 11, 2019

PINS Date:   Jun 28, 2019
Approval Date:   Sep 4, 2019

PINS Date:   Apr 5, 2019
Approval Date:   Jun 11, 2019

PINS Date:   Mar 27, 2020
Approval Date:   Jun 4, 2020

PINS Date:   Sep 7, 2018
Approval Date:   Nov 7, 2018

PINS Date:   Mar 31, 2017
Approval Date:   May 24, 2017
PINS Date: Sep 7, 2018
Approval Date: Nov 7, 2018
IEC Adoption

PINS Date: Sep 7, 2018
Approval Date: Nov 7, 2018
IEC Adoption

PINS Date: Feb 22, 2019
Approval Date: Apr 30, 2019

ANSI/UL 608-2012 (R2017), Standard for Safety for Burglary Resistant Vault Doors and Modular Panels (reaffirmation of ANSI/UL 608-2012)
PINS Date: Mar 31, 2017
Approval Date: Jun 5, 2017

PINS Date: Oct 7, 2011
Approval Date: Mar 20, 2015

PINS Date: Mar 18, 2016
Approval Date: Jul 22, 2016
IEC Adoption

PINS Date: Oct 13, 2017
Approval Date: Nov 15, 2017
IEC Adoption

PINS Date: Aug 17, 2018
Approval Date: May 6, 2019

ANSI/UL 60947-4-1-2017, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters (national adoption of IEC 60947-4-1 with modifications and revision of ANSI/UL 60947-4-1-2014)
PINS Date: Aug 25, 2017
Approval Date: Oct 17, 2017
IEC Adoption

ANSI/UL 60947-4-2-2014, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and Motor-Starters - AC Semiconductor Motor Controllers and Starters (national adoption with modifications of IEC 60947-4-2)
PINS Date: Apr 23, 2010
Approval Date: Mar 21, 2014
IEC Adoption
ANSI/UL 60947-5-1-2014, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 5-1: Control Circuit Devices and Switching Elements - Electromechanical Control Circuit Devices (national adoption with modifications of IEC 60947-5-1)
PINS Date: May 12, 2006
Approval Date: Mar 28, 2014
IEC Adoption

PINS Date: Jan 13, 2012
Public Review Start: Apr 28, 2017
Approval Date: Aug 11, 2017
IEC Adoption

ANSI/UL 60947-5-5-2017, Standard for Safety for Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function (identical national adoption of IEC 60947-5-5)
PINS Date: Jul 10, 2015
Public Review Start: Apr 28, 2017
Approval Date: Sep 13, 2019
IEC Adoption

ANSI/UL 60947-7-1-2017, Standard for Safety for Low-Voltage Switchgear And Controlgear - Part 7-1: Ancillary Equipment - Terminal Blocks for Copper Conductors (revision of ANSI/UL 60947-7-1-2011)
PINS Date: May 6, 2016
Public Review Start: Jan 27, 2017
IEC Adoption

ANSI/UL 60947-7-2-2017, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-2: Ancillary Equipment - Protective Conductor Terminal Blocks for Copper Conductors (revision of ANSI/UL 60947-7-2-2011)
PINS Date: May 6, 2016
Approval Date: Jan 27, 2017
IEC Adoption

ANSI/UL 60947-7-3-2017, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-3: Ancillary Equipment - Safety Requirements for Fuse Terminal Blocks (revision of ANSI/UL 60947-7-3-2011)
PINS Date: May 6, 2016
Approval Date: Jan 27, 2017
IEC Adoption

ANSI/UL 60947-7-4-2018, Standard for Safety for Low-voltage Switchgear and Controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors (national adoption with modifications of IEC 60947-7-4)
PINS Date: Feb 17, 2017
Public Review Start: Dec 22, 2017
Approval Date: Apr 27, 2018
IEC Adoption

PINS Date: Jun 13, 2014
Approval Date: Oct 14, 2014
IEC Adoption

PINS Date: Feb 22, 2019
Approval Date: May 9, 2019
Modified

PINS Date: Mar 25, 2016
Approval Date: Jul 8, 2016
IEC Adoption
PINS Date: 
Public Review Start:   Sep 30, 2016 
Approval Date:   Mar 31, 2017 
IEC Adoption

PINS Date: 
Public Review Start:   Apr 1, 2016 
Approval Date:   Jul 8, 2016 
IEC Adoption

PINS Date: 
Public Review Start:   Sep 30, 2016 
Approval Date:   Jan 27, 2017 
IEC Adoption

PINS Date: 
Public Review Start:   Aug 16, 2019 
Approval Date:   Jan 7, 2020 
IEC Adoption

PINS Date: 
Approval Date:   Jul 15, 2015 
IEC Adoption

PINS Date: 
Public Review Start:   Nov 27, 2015 
Approval Date:   Apr 29, 2016 
IEC Adoption

PINS Date: 
Public Review Start:   May 18, 2018 
Approval Date:   Nov 16, 2018 
IEC Adoption

PINS Date:   Feb 7, 2014 
Public Review Start:   Nov 7, 2014 
Approval Date:   Jan 15, 2015 
IEC Adoption

PINS Date: 
Public Review Start:   Mar 29, 2019 
Approval Date:   Jun 18, 2019 
IEC Adoption

PINS Date:   Mar 25, 2016 
Public Review Start:   Nov 18, 2016 
Approval Date:   Jan 31, 2017 
IEC Adoption
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Mar 25, 2016
Approval Date: Feb 20, 2017
IEC Adoption

ANSI/UL 61010-2-020-2016, Standard for Safety Requirements for Measurement, Control, and Laboratory Use - Part 2-020: Particular Requirements for Laboratory Centrifuges (identical national adoption of IEC 61010-2-020)
PINS Date: Feb 7, 2014
Approval Date: Dec 15, 2016
IEC Adoption

PINS Date:
Public Review Start: Aug 31, 2018
Approval Date: Dec 21, 2018
IEC Adoption

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Nov 5, 2018
IEC Adoption

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Nov 5, 2018
IEC Adoption

PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Jan 10, 2020
IEC Adoption
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
<th>IEC Adoption</th>
</tr>
</thead>
</table>
PINS Date:    
Public Review Start:   May 3, 2019  
Approval Date:   Jul 31, 2019
IEC Adoption

ANSI/UL 61010-2-201-2017, Standard for Safety
Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201 Particular Requirements for Control Equipment (national adoption of IEC 61010-2-201 with modifications and revision of ANSI/UL 61010-2-201-2014)
PINS Date:    
Public Review Start:   Dec 30, 2016  
Approval Date:   Feb 20, 2017
IEC Adoption

ANSI/UL 61010-2-201-2018, Standard for Safety
Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (national adoption of IEC 61010-2-201 with modifications and revision of ANSI/UL 61010-2-201-2017)
PINS Date:    
Public Review Start:   Jan 26, 2018  
Approval Date:   May 14, 2018
IEC Adoption

ANSI/UL 61010-2-201-2018a, Standard for Safety
Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (revision of ANSI/UL 61010-2-201-2017)
PINS Date:    
Public Review Start:   Mar 30, 2018  
Approval Date:   May 14, 2018
IEC Adoption

ANSI/UL 61058-1-1-2017, Standard for Safety for Switches for Appliances - Part 1-1: Requirements for Mechanical Switches (national adoption with modifications of IEC 61058-1-1)
PINS Date:    Sep 2, 2016  
Public Review Start:   Jun 23, 2017  
Approval Date:   Nov 3, 2017
IEC Adoption

PINS Date:    Sep 2, 2016  
Public Review Start:   Jun 23, 2017  
Approval Date:   Nov 3, 2017
IEC Adoption

PINS Date:    
Public Review Start:   Sep 29, 2017  
Approval Date:   Nov 3, 2017
IEC Adoption

ANSI/UL 61058-2-5-2020, Standard for switches for appliances - Part 2-5: particular requirements for change-over selectors (national adoption with modifications of IEC 61058-2-5)
PINS Date:    Mar 29, 2019  
Public Review Start:   Jun 21, 2019  
Approval Date:   Mar 31, 2020
IEC Adoption

ANSI/UL 61058-2-6-2020, Standard for Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor operated hand-held tools, transportable tools and lawn and garden machinery (national adoption with modifications of IEC 61058-2-6)
PINS Date:    Mar 29, 2019  
Public Review Start:   Jun 21, 2019  
Approval Date:   Mar 31, 2020
IEC Adoption

PINS Date:    
Public Review Start:   Dec 16, 2016  
Approval Date:   Mar 24, 2017
IEC Adoption
ANSI/UL 61215-1-1-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules (identical national adoption of IEC 61215-1-1)
PINS Date: Sep 2, 2016
Public Review Start: Nov 4, 2016
Approval Date: Feb 28, 2017
IEC Adoption

ANSI/UL 61215-1-2-2018, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-2)
PINS Date: Feb 10, 2017
Public Review Start: Jan 26, 2018
Approval Date: Apr 3, 2018
IEC Adoption

ANSI/UL 61215-1-1-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements (identical national adoption of IEC 61215-1)
PINS Date: Sep 2, 2016
Public Review Start: Nov 4, 2016
Approval Date: Feb 28, 2017
IEC Adoption

ANSI/UL 61215-1-3-2018, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-3)
PINS Date: Feb 10, 2017
Public Review Start: Jan 26, 2018
Approval Date: Apr 3, 2018
IEC Adoption

ANSI/UL 61215-1-4-2018, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se) Based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-4)
PINS Date: Feb 10, 2017
Public Review Start: Jan 26, 2018
Approval Date: Apr 3, 2018
IEC Adoption

ANSI/UL 61215-2-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures (identical national adoption of IEC 61215-2)
PINS Date: Sep 2, 2016
Public Review Start: Nov 4, 2016
Approval Date: Feb 28, 2017
IEC Adoption

PINS Date: Public Review Start: Mar 18, 2016
Approval Date: May 20, 2016
IEC Adoption

ANSI/UL 6141-2016, Standard for Safety for Wind Turbines Permitting Entry of Personnel (new standard)
PINS Date: Jul 31, 2009
Public Review Start: Jan 22, 2016
Approval Date: May 20, 2016

PINS Date: Public Review Start: Dec 8, 2017
Approval Date: Feb 22, 2018

PINS Date: Public Review Start: Apr 15, 2011
Approval Date: Sep 20, 2011
IEC Adoption

PINS Date: Public Review Start: Apr 15, 2011
Approval Date: Sep 20, 2011
IEC Adoption
ANSI/UL 61646-2012 (R2016), Standard for Thin-Film Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval (reaffirmation of ANSI/UL 61646-2012)
PINS Date: Mar 18, 2016
Approval Date: May 26, 2016
IEC Adoption

ANSI/UL 61724-1-2019, Standard for Photovoltaic System Performance – Part 1: Monitoring (national adoption with modifications of IEC 61724-1)
PINS Date: Apr 28, 2017
Public Review Start: Dec 7, 2018
Approval Date: Jan 29, 2019
IEC Adoption

PINS Date: Jan 27, 2017
Public Review Start: Jul 27, 2018
Approval Date: Jan 29, 2019
IEC Adoption

PINS Date: Jan 27, 2017
Public Review Start: Dec 7, 2018
Approval Date: Jan 29, 2019
IEC Adoption

PINS Date: Sep 23, 2016
Public Review Start: Jun 9, 2017
Approval Date: Dec 4, 2017
IEC Adoption

ANSI/UL 61730-1-2017b, Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption with modifications of IEC 61730-1)
PINS Date: Oct 27, 2017
Approval Date: Dec 8, 2017
IEC Adoption

ANSI/UL 61730-1-2017c, Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption with modifications of IEC 61730-1)
PINS Date: Sep 23, 2016
Public Review Start: Sep 15, 2017
Approval Date: Dec 4, 2017
IEC Adoption

PINS Date: Feb 14, 2020
Approval Date: Apr 15, 2020
IEC Adoption

PINS Date: Sep 23, 2016
Public Review Start: Jun 9, 2017
Approval Date: Dec 4, 2017
IEC Adoption

PINS Date: Feb 14, 2020
Approval Date: Apr 15, 2020
IEC Adoption

ANSI/UL 61730-1-2017a, Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption with modifications of IEC 61730-1)
PINS Date: Oct 13, 2017
Approval Date: Dec 4, 2017
IEC Adoption

ANSI/UL 618-2010 (R2020), Standard for Concrete Masonry Units (reaffirmation of ANSI/UL 618-2010 (R2015))
PINS Date: Mar 13, 2020
Approval Date: Jun 12, 2020
PINS Date: 
Public Review Start: Sep 8, 2017
Approval Date: Jun 11, 2018

ANSI/UL 61800-5-1-2015, Standard for Safety for Adjustable Speed Electrical Power Drive Systems; Part 5-1: Safety Requirements - Electrical, Thermal and Energy (national adoption of IEC 61800-5-1 with modifications and revision of ANSI/UL 61800-5-1-2012)
PINS Date: 
Public Review Start: Mar 21, 2014
Approval Date: Mar 6, 2015
IEC Adoption

PINS Date: 
Public Review Start: Jul 17, 2015
Approval Date: Feb 24, 2017
IEC Adoption

PINS Date: 
Public Review Start: May 15, 2015
Approval Date: Feb 24, 2017
IEC Adoption

PINS Date: 
Public Review Start: Mar 2, 2018
Approval Date: Jun 11, 2018

PINS Date: 
Public Review Start: Sep 8, 2017
Approval Date: Jun 11, 2018

PINS Date: 
Public Review Start: Mar 21, 2017
Approval Date: Jun 23, 2017
IEC Adoption

PINS Date: 
Public Review Start: Apr 24, 2015
Approval Date: Jul 30, 2015
IEC Adoption

PINS Date: 
Public Review Start: Feb 22, 2019
Approval Date: May 9, 2019

PINS Date: 
Public Review Start: Aug 4, 2017
Approval Date: Jul 6, 2018

ANSI/UL 6200-2019, Standard for Safety for Controllers for Use in Power Production (new standard)
PINS Date: 
Public Review Start: Feb 22, 2019
Approval Date: May 31, 2019
<table>
<thead>
<tr>
<th>ANSI/UL 62093-2017</th>
<th>Standard for Balance-of-System Components for Photovoltaic Systems - Design Qualification Natural Environments (national adoption with modifications of IEC 62093)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td>Oct 24, 2014</td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Jan 20, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 24, 2017</td>
</tr>
</tbody>
</table>

**IEC Adoption**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Dec 9, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Feb 15, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/UL 621-2015</th>
<th>Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621-2010a)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Jun 26, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Dec 10, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Dec 29, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Mar 1, 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Apr 5, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jun 4, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 18, 2016</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>May 26, 2016</td>
</tr>
</tbody>
</table>

**IEC Adoption**

<table>
<thead>
<tr>
<th>ANSI/UL 62108-2017</th>
<th>Standard for Concentrator Photovoltaic (CPV) Modules and Assemblies - Design Qualification and Type Approval (revision of ANSI/UL 62108-2012 (R2016))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Mar 24, 2017</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jun 1, 2017</td>
</tr>
</tbody>
</table>

**IEC Adoption**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Feb 22, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Apr 30, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI/UL 62133-1-2020</th>
<th>Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 1: Nickel Systems (national adoption with modifications of IEC 62133-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Apr 12, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 10, 2020</td>
</tr>
</tbody>
</table>

**IEC Adoption**

<table>
<thead>
<tr>
<th>ANSI/UL 62133-2-2020</th>
<th>Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 2: Lithium Systems (national adoption with modifications of IEC 62133-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>Apr 12, 2019</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Jan 10, 2020</td>
</tr>
</tbody>
</table>

**IEC Adoption**

<table>
<thead>
<tr>
<th>ANSI/UL 62133-2017</th>
<th>Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications (national adoption with modifications of IEC 62133)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Sep 5, 2017</td>
</tr>
</tbody>
</table>

**IEC Adoption**

<table>
<thead>
<tr>
<th>ANSI/UL 62275-2016</th>
<th>Standard for Safety for Cable Management Systems - Cables Ties for Electrical Installations (Proposal dated 5-29-15) (national adoption of IEC 62275 with modifications and revision of ANSI/UL 62275-2010 (R2014))</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date:</td>
<td></td>
</tr>
<tr>
<td>Public Review Start:</td>
<td>May 29, 2015</td>
</tr>
<tr>
<td>Approval Date:</td>
<td>Oct 12, 2016</td>
</tr>
</tbody>
</table>

**IEC Adoption**
PINS Date:
Public Review Start: Dec 18, 2015
Approval Date: Oct 12, 2016
IEC Adoption

PINS Date:
Public Review Start: Jul 5, 2019
Approval Date: Dec 13, 2019
IEC Adoption

ANSI/UL 626-2012 (R2018), Standard For Safety For Water Fire Extinguishers (reaffirmation of ANSI/UL 626 -2012)
PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Jun 8, 2018
IEC Adoption

PINS Date: Nov 9, 2012
Public Review Start: Dec 12, 2014
Approval Date: Feb 20, 2015
IEC Adoption

PINS Date:
Public Review Start: Sep 7, 2018
Approval Date: Jan 11, 2019
IEC Adoption

PINS Date: Nov 9, 2012
Public Review Start: Dec 15, 2017
Approval Date: Apr 30, 2018
IEC Adoption

PINS Date: Nov 23, 2012
Public Review Start: Jul 28, 2017
Approval Date: Oct 27, 2017
IEC Adoption

PINS Date: Nov 9, 2012
Public Review Start: Dec 9, 2016
Approval Date: Mar 27, 2017
IEC Adoption

PINS Date:
Public Review Start: Jul 26, 2019
Approval Date: Jan 10, 2020
IEC Adoption

PINS Date: Nov 9, 2012
Public Review Start: Mar 18, 2016
Approval Date: Aug 12, 2016
IEC Adoption
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(identical national adoption of IEC 62841-2-17)</td>
<td>(revision of ANSI/UL 62841-2-4-2015)</td>
</tr>
<tr>
<td>PINS Date: Nov 16, 2012</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Sep 7, 2018</td>
<td>Approval Date: Jul 28, 2017</td>
</tr>
<tr>
<td>IEC Adoption</td>
<td>IEC Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(national adoption with modifications of IEC 62841-2-2)</td>
<td>(revision of ANSI/UL 62841-2-5-2016)</td>
</tr>
<tr>
<td>PINS Date: Nov 9, 2012</td>
<td>PINS Date:</td>
</tr>
<tr>
<td>Approval Date: Feb 26, 2016</td>
<td>Approval Date: Dec 13, 2019</td>
</tr>
<tr>
<td>IEC Adoption</td>
<td>IEC Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(identical national adoption of IEC 62841-2-21)</td>
<td>(identical national adoption of 62841-2-8)</td>
</tr>
<tr>
<td>PINS Date: Nov 16, 2012</td>
<td>PINS Date: Nov 9, 2012</td>
</tr>
<tr>
<td>Approval Date: Feb 1, 2017</td>
<td>Approval Date: Dec 23, 2016</td>
</tr>
<tr>
<td>IEC Adoption</td>
<td>IEC Adoption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(national adoption with modifications of IEC 62841-2-4)</td>
<td>(national adoption with modifications of IEC 62841-2-9)</td>
</tr>
<tr>
<td>PINS Date: Nov 9, 2012</td>
<td>PINS Date: Nov 9, 2012</td>
</tr>
<tr>
<td>Approval Date: Nov 30, 2015</td>
<td>Approval Date: Feb 26, 2016</td>
</tr>
<tr>
<td>IEC Adoption</td>
<td>IEC Adoption</td>
</tr>
</tbody>
</table>
PINS Date:  
Public Review Start:  Jul 14, 2017  
Approval Date:  Oct 10, 2017  
IEC Adoption

PINS Date:  
Public Review Start:  May 5, 2017  
Approval Date:  Oct 10, 2017  
IEC Adoption

ANSI/UL 62841-3-1-2016, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-1: Particular Requirements for Transportable Table Saws (national adoption with modifications of IEC 62841-3-1)  
PINS Date:  Nov 23, 2012  
Approval Date:  Aug 29, 2016  
IEC Adoption

ANSI/UL 62841-3-1-2017, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-1: Particular Requirements for Transportable Table Saws (identical national adoption of IEC 62841-3-1)  
PINS Date:  
Public Review Start:  Jun 30, 2017  
Approval Date:  Sep 29, 2017  
IEC Adoption

ANSI/UL 62841-3-10-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-10: Particular Requirements for Transportable Cut-Off Machines (identical national adoption of IEC 62841-3-10)  
PINS Date:  Nov 23, 2012  
Public Review Start:  Mar 18, 2016  
Approval Date:  Aug 5, 2016  
IEC Adoption

ANSI/UL 62841-3-10-2018, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-10 Particular Requirements for Transportable Cut-Off Machines (national adoption of IEC 62841-3-10 with modifications and revision of ANSI/UL 62841-3-10-2016)  
PINS Date:  
Public Review Start:  Apr 13, 2018  
Approval Date:  Jun 22, 2018  
IEC Adoption

PINS Date:  Aug 24, 2018  
Public Review Start:  Oct 18, 2019  
Approval Date:  Dec 13, 2019  

ANSI/UL 62841-3-12-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-12 Particular Requirements for Transportable Threading Machines (national adoption with modifications of IEC 62841-3-12)  
PINS Date:  Nov 23, 2012  
Public Review Start:  Aug 25, 2017  
Approval Date:  May 4, 2018  
IEC Adoption

PINS Date:  Nov 23, 2012  
Public Review Start:  Feb 9, 2018  
Approval Date:  May 4, 2018  
IEC Adoption

ANSI/UL 62841-3-13-2018a, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-13 Particular Requirements for Transportable Drills (national adoption with modifications of IEC 62841-3-13)  
PINS Date:  Nov 23, 2012  
Public Review Start:  Feb 9, 2018  
Approval Date:  May 4, 2018  
IEC Adoption
ANSI/UL 62841-3-14-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-14 Particular Requirements for Transportable Drain Cleaners (identical national adoption of IEC 62841-3-14)
PINS Date: Oct 12, 2018
Public Review Start: Dec 14, 2018
Approval Date: Apr 5, 2019
IEC Adoption

ANSI/UL 62841-3-4-2016, Standard For Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-4: Particular Requirements For Transportable Bench Grinders (identical national adoption of IEC 62841-3-4)
PINS Date: Nov 23, 2012
Approval Date: Dec 23, 2016
IEC Adoption

ANSI/UL 62841-3-4-2018, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-4: Particular Requirements for Transportable Bench Grinders (identical national adoption of IEC 62841-3-4 and revision of ANSI/UL 62841-3-4-2016)
PINS Date: Apr 13, 2018
Public Review Start: Jun 22, 2018
Approval Date: Jun 22, 2018
IEC Adoption

ANSI/UL 62841-3-9-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-9: Particular Requirements for Transportable Mitre Saws (national adoption with modifications of IEC 62841-3-9)
PINS Date: Nov 23, 2012
Public Review Start: Jan 13, 2016
Approval Date: Jan 13, 2016
IEC Adoption

PINS Date: Nov 23, 2012
Public Review Start: Apr 28, 2017
Approval Date: Apr 28, 2017
IEC Adoption

ANSI/UL 62841-4-1-2020, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-1: Particular Requirements for Chain Saws (national adoption with modifications of IEC 62841-4-1)
PINS Date: Nov 23, 2012
Public Review Start: Nov 29, 2019
Approval Date: Mar 6, 2020
IEC Adoption

PINS Date: Nov 23, 2012
Public Review Start: Jun 14, 2019
Approval Date: Sep 13, 2019
IEC Adoption
PINS Date: Public Review Start: Jan 31, 2020 Approval Date: Mar 27, 2020

ANSI/UL 635-2012 (R2016), Standard for Safety for Insulating Bushings (reaffirmation of ANSI/UL 635-2012)
PINS Date: Public Review Start: Apr 22, 2016 Approval Date: Jun 24, 2016

PINS Date: Public Review Start: Oct 23, 2015 Approval Date: Jan 30, 2018

ANSI/UL 639-2012 (R2018), Standard for Safety for Intrusion-Detection Units (reaffirmation of ANSI/UL 639-2012)
PINS Date: Public Review Start: May 11, 2018 Approval Date: Jul 9, 2018

PINS Date: Public Review Start: Jun 7, 2019 Approval Date: Oct 24, 2019

PINS Date: Public Review Start: Feb 9, 2018 Approval Date: Apr 23, 2018

ANSI/UL 6420-2012 (R2018), Standard for Safety for Equipment Used for System Isolation and Rated as a Single Unit (reaffirmation of ANSI/UL 6420-2012)
PINS Date: Public Review Start: Nov 3, 2017 Approval Date: Jan 8, 2018

ANSI/UL 644-2014 (R202x), Standard for Safety for Container Assemblies for LP-Gas (reaffirmation of ANSI/UL 644-2014)
PINS Date: Public Review Start: Jul 26, 2019 Approval Date: Nov 12, 2019

ANSI/UL 651-2016, Standard for Safety for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2014)
PINS Date: Public Review Start: Apr 1, 2016 Approval Date: Jun 15, 2016

ANSI/UL 651-2018, Standard for Safety for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2016)
PINS Date: Public Review Start: Jul 6, 2018 Approval Date: Nov 30, 2018

ANSI/UL 651-2020, Standard for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2018)
PINS Date: Public Review Start: Nov 15, 2019 Approval Date: Mar 9, 2020

ANSI/UL 651-2020a, Standard for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2018)
PINS Date: Public Review Start: Aug 23, 2019 Approval Date: Mar 9, 2020

PINS Date: Public Review Start: May 6, 2016 Approval Date: Jun 24, 2016

ANSI/UL 651A-2016a, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit (revision of ANSI/UL 651A-2016)
PINS Date: Public Review Start: Oct 14, 2016 Approval Date: Dec 9, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Revision History</th>
<th>PINS Date</th>
<th>Public Review Start Date</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date:
Public Review Start: Sep 26, 2014
Approval Date: Jan 16, 2015

PINS Date:
Public Review Start: Jan 27, 2017
Approval Date: Mar 2, 2017

PINS Date:
Public Review Start: Apr 10, 2015
Approval Date: Dec 22, 2017

PINS Date:
Public Review Start: Sep 22, 2017
Approval Date: Dec 22, 2017

PINS Date:
Public Review Start: Nov 17, 2017
Approval Date: Dec 22, 2017

ANSI/UL 674-2011 (R2015), Standard for Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations (Proposal dated 06-26-15) (reaffirmation of ANSI/UL 674-2011)
PINS Date:
Public Review Start: Jun 26, 2015
Approval Date: Nov 6, 2015

PINS Date:
Public Review Start: Apr 3, 2015
Approval Date: Aug 10, 2015

ANSI/UL 676-2015a, Standard for Safety for Underwater Luminaires and Submersible Junction Boxes (revision of ANSI/UL 676-2013)
PINS Date:
Public Review Start: May 29, 2015
Approval Date: Aug 10, 2015

PINS Date:
Public Review Start: Nov 17, 2017
Approval Date: Feb 26, 2018

PINS Date:
Public Review Start: Apr 26, 2019
Approval Date: Oct 14, 2019

PINS Date:
Public Review Start: Jun 1, 2018
Approval Date: Jul 20, 2018

PINS Date:
Public Review Start: Jul 13, 2018
Approval Date: Sep 4, 2018

ANSI/UL 687-2011 (R2020), Standard for Burglary Resistant Safes (reaffirmation of ANSI/UL 687-2011 (R2015))
PINS Date:
Public Review Start: Nov 8, 2019
Approval Date: Feb 18, 2020
PINS Date:
Public Review Start: Feb 16, 2018
Approval Date: Apr 20, 2018

ANSI/UL 696-2010 (R2020), Standard for Safety for Electric Toys (revision of ANSI/UL 696-2010 (R2015))
PINS Date:
Public Review Start: Mar 20, 2020
Approval Date: May 6, 2020

ANSI/UL 697-2012 (R2016), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012)
PINS Date:
Public Review Start: Jun 24, 2016
Approval Date: Aug 15, 2016

ANSI/UL 697-2012a, Standard for Safety for Toy Transformers (proposal dated 2-17-12) (revision of ANSI/UL 697-2011)
PINS Date:
Public Review Start: Feb 17, 2012
Approval Date: Apr 10, 2012

PINS Date:
Public Review Start: Sep 30, 2016
Approval Date: Dec 14, 2016

PINS Date:
Public Review Start: Jun 16, 2017
Approval Date: Jan 5, 2018

PINS Date:
Public Review Start: May 25, 2018
Approval Date: Aug 21, 2018

PINS Date:
Public Review Start: Mar 28, 2014
Approval Date: Nov 14, 2014

PINS Date:
Public Review Start: Jan 18, 2019
Approval Date: Sep 27, 2019

ANSI/UL 7001-2015, Sustainability Standard for Household Refrigeration Appliances (revision of ANSI/UL 7001-2014)
PINS Date: Aug 24, 2012
Approval Date: Nov 20, 2015

ANSI/UL 7003-2016, Standard for Sustainability for Household Clothes Washers (new standard)
PINS Date: Aug 24, 2012
Approval Date: Feb 11, 2016

ANSI/UL 7004-2017, Standard for Sustainability for Household Cooking Appliances (new standard)
PINS Date: Aug 24, 2012
Public Review Start: Sep 9, 2016
Approval Date: Jan 31, 2017

ANSI/UL 7005-2017, Standard for Sustainability for Household Clothes Drying Appliances (new standard)
PINS Date: Aug 24, 2012
Public Review Start: Jan 27, 2017
Approval Date: Jun 22, 2017

ANSI/UL 7006-2018, Standard for Sustainability for Household Room Air Conditioning Appliances (new standard)
PINS Date: Aug 24, 2012
Public Review Start: Dec 15, 2017
Approval Date: Mar 27, 2018
<table>
<thead>
<tr>
<th>ANSI/UL Standard</th>
<th>Description</th>
<th>Approved Date</th>
<th>PINS Date</th>
<th>Public Review Start</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 710B-2014 (R2019), Standard for Recirculating Systems</td>
<td>reaffirmation of ANSI/UL 710B-2014</td>
<td>Feb 1, 2019</td>
<td>Nov 9, 2018</td>
<td>Feb 1, 2019</td>
</tr>
<tr>
<td>Standard</td>
<td>Description</td>
<td>PINS Date</td>
<td>Public Review Start</td>
<td>Approval Date</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>-----------</td>
<td>---------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>ANSI/UL 719-2018a</td>
<td>Standard for Safety for Non-Metallic Sheathed Cable (revision of ANSI/UL 719-2018)</td>
<td></td>
<td>Jul 13, 2018</td>
<td>Nov 6, 2018</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: May 18, 2018
Approval Date: Aug 9, 2018

ANSI/UL 737-2011 (R2015), Standard for Safety for Fireplace Stoves (reaffirmation of ANSI/UL 737-2011a)
PINS Date:
Public Review Start: May 15, 2015
Approval Date: Aug 17, 2015

PINS Date:
Public Review Start: Nov 29, 2019
Approval Date: Jan 8, 2020

PINS Date:
Public Review Start: Jul 10, 2015
Approval Date: Aug 27, 2015

PINS Date:
Public Review Start: Feb 6, 2015
Approval Date: Aug 27, 2015

PINS Date:
Public Review Start: Oct 9, 2015
Approval Date: Jan 27, 2016

PINS Date:
Public Review Start: Jan 8, 2016
Approval Date: Apr 29, 2016

PINS Date:
Approval Date: Apr 29, 2016

PINS Date:
Approval Date: Jul 22, 2016

PINS Date:
Approval Date: Jul 22, 2016

PINS Date:
Public Review Start: Apr 22, 2016
Approval Date: Jul 22, 2016

PINS Date:
Public Review Start: Jun 3, 2016
Approval Date: Jul 22, 2016

ANSI/UL 746A-2016g, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2016)
PINS Date:
Public Review Start: Aug 12, 2016
Approval Date: Oct 19, 2016

PINS Date:
Approval Date: Jan 11, 2017
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 7, 2017 Approval Date: Jun 7, 2017</td>
<td>PINS Date: Public Review Start: Dec 7, 2018 Approval Date: Jan 28, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Feb 24, 2017 Approval Date: Sep 15, 2017</td>
<td>PINS Date: Public Review Start: Feb 22, 2019 Approval Date: Jul 17, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jun 23, 2017 Approval Date: Sep 15, 2017</td>
<td>PINS Date: Public Review Start: Sep 13, 2019 Approval Date: Nov 11, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jul 14, 2017 Approval Date: Sep 15, 2017</td>
<td>PINS Date: Public Review Start: Apr 3, 2020 Approval Date: May 20, 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Jan 26, 2018 Approval Date: May 17, 2018</td>
<td>PINS Date: Public Review Start: Aug 5, 2016 Approval Date: Dec 21, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Apr 6, 2018 Approval Date: May 17, 2018</td>
<td>PINS Date: Public Review Start: Nov 4, 2016 Approval Date: Dec 21, 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PINS Date: Public Review Start: Sep 21, 2018 Approval Date: Jan 28, 2019</td>
<td>PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Nov 30, 2017</td>
</tr>
</tbody>
</table>
PINS Date:
Public Review Start: Aug 11, 2017
Approval Date: Jan 25, 2018

PINS Date:
Public Review Start: Dec 15, 2017
Approval Date: Jan 25, 2018

PINS Date:
Public Review Start: Feb 16, 2018
Approval Date: Mar 30, 2018

PINS Date:
Public Review Start: May 11, 2018
Approval Date: Aug 15, 2018

PINS Date:
Public Review Start: Oct 19, 2018
Approval Date: Dec 10, 2018

PINS Date:
Public Review Start: Feb 8, 2019
Approval Date: Apr 12, 2019

PINS Date:
Public Review Start: Mar 1, 2019
Approval Date: Aug 2, 2019

PINS Date:
Public Review Start: Nov 15, 2019
Approval Date: Jan 17, 2020

PINS Date:
Public Review Start: Apr 17, 2020
Approval Date: May 29, 2020

ANSI/UL 746C-2015, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2014b)
PINS Date:
Public Review Start: Apr 10, 2015
Approval Date: Jun 22, 2015

PINS Date:
Public Review Start: May 27, 2016
Approval Date: Jul 18, 2016

PINS Date:
Public Review Start: Mar 3, 2017
Approval Date: May 19, 2017

PINS Date:
Public Review Start: Mar 31, 2017
Approval Date: May 19, 2017

PINS Date:
Public Review Start: Sep 29, 2017
Approval Date: Feb 5, 2018
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Dec 1, 2017
Approval Date: Feb 5, 2018

PINS Date: Jan 10, 2020
Approval Date: Apr 20, 2020

PINS Date: Jun 13, 2014
Approval Date: Dec 9, 2014

PINS Date: Dec 15, 2017
Approval Date: Jan 26, 2018

PINS Date: Jan 8, 2016
Approval Date: May 26, 2016

PINS Date: Mar 25, 2016
Approval Date: May 26, 2016

PINS Date: May 20, 2016
Approval Date: Aug 5, 2016

PINS Date: May 13, 2016
Approval Date: Jan 13, 2017

PINS Date: May 5, 2017

PINS Date: Sep 21, 2018
Approval Date: May 9, 2019

PINS Date: Feb 1, 2019
Approval Date: May 9, 2019

PINS Date: Dec 4, 2015
Approval Date: Feb 22, 2016
PINS Date: Public Review Start: Nov 20, 2015 Approval Date: Mar 16, 2017

PINS Date: Public Review Start: Oct 7, 2016 Approval Date: Mar 16, 2017

PINS Date: Public Review Start: Mar 9, 2018 Approval Date: Nov 30, 2018

PINS Date: Public Review Start: Aug 17, 2018 Approval Date: Nov 30, 2018

PINS Date: Public Review Start: Aug 8, 2014 Approval Date: Nov 21, 2014

ANSI/UL 751-2016, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 751-2014)
PINS Date: Public Review Start: Apr 29, 2016 Approval Date: Jul 18, 2016

PINS Date: Public Review Start: Jun 29, 2018 Approval Date: Oct 2, 2018

PINS Date: Public Review Start: Sep 25, 2015 Approval Date: Dec 11, 2015

ANSI/UL 753-2013 (R2018), Standard for Alarm Accessories for Automatic Water-Supply Control Valves for Fire Protection Service (reaffirmation of ANSI/UL 753-2013)
PINS Date: Public Review Start: Jun 1, 2018 Approval Date: Jul 20, 2018

PINS Date: Public Review Start: Feb 6, 2015 Approval Date: Aug 7, 2015

PINS Date: Public Review Start: Jan 29, 2016 Approval Date: Mar 14, 2016

PINS Date: Public Review Start: Jun 24, 2016 Approval Date: Oct 10, 2016

PINS Date: Public Review Start: Sep 9, 2016 Approval Date: Mar 21, 2017
PINS Date:   Public Review Start:   Feb 10, 2017
Approval Date:   Mar 21, 2017

PINS Date:   Public Review Start:   Sep 1, 2017
Approval Date:   Oct 23, 2017

PINS Date:   Public Review Start:   Feb 17, 2017
Approval Date:   Mar 21, 2017

PINS Date:   Public Review Start:   Oct 13, 2017
Approval Date:   Feb 28, 2018

PINS Date:   Public Review Start:   Mar 24, 2017
Approval Date:   Jun 2, 2017

ANSI/UL 763-2018a, Standard For Safety For Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2017)
PINS Date:   Public Review Start:   Nov 17, 2017
Approval Date:   Feb 28, 2018

PINS Date:   Public Review Start:   Nov 9, 2018
Approval Date:   Mar 12, 2019

PINS Date:   Public Review Start:   Dec 20, 2019
Approval Date:   Mar 27, 2020

PINS Date:   Public Review Start:   Dec 20, 2019
Approval Date:   Mar 27, 2020

PINS Date:   Public Review Start:   Dec 20, 2019
Approval Date:   Apr 17, 2020

PINS Date:   Public Review Start:   Jun 2, 2017
Approval Date:   Oct 23, 2017

ANSI/UL 768-2013 (R2018), Standard for Combination Locks (reaffirmation of ANSI/UL 768-2013)
PINS Date:   Public Review Start:   May 25, 2018
Approval Date:   Jul 12, 2018

PINS Date:   Public Review Start:   Dec 20, 2019
Approval Date:   Mar 27, 2020

PINS Date:   Public Review Start:   Jun 5, 2015
Approval Date:   Aug 18, 2015

PINS Date:   Public Review Start:   Nov 21, 2014
Approval Date:   Jan 19, 2016
PINS Date: Oct 16, 2015
Approval Date: Jan 19, 2016

PINS Date: May 8, 2015
Approval Date: Sep 2, 2015

PINS Date: Apr 8, 2016
Approval Date: Jul 7, 2016

ANSI/UL 778-2016a, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778)
PINS Date: Aug 26, 2016
Approval Date: Nov 14, 2016

PINS Date: Dec 2, 2016
Approval Date: Feb 22, 2017

PINS Date: Jan 20, 2017
Approval Date: Feb 22, 2017

PINS Date: May 12, 2017
Approval Date: Aug 24, 2017

PINS Date: Jul 7, 2017
Approval Date: Aug 24, 2017

PINS Date: Jul 14, 2017
Approval Date: Aug 24, 2017

PINS Date: Sep 15, 2017
Approval Date: Oct 20, 2017

PINS Date: Sep 14, 2018
Approval Date: Jan 17, 2019

PINS Date: Nov 13, 2015
Approval Date: Jan 15, 2016
Approved American National Standards

The data in this document is reported as of Monday, June 15, 2020

PINS Date: Jan 22, 2016
Public Review Start: Mar 18, 2016
Approval Date: May 14, 2020

PINS Date: Mar 31, 2017
Public Review Start: May 25, 2017
Approval Date: Oct 19, 2018

PINS Date: Sep 4, 2018
Public Review Start: Jul 13, 2018
Approval Date: Sep 4, 2018

ANSI/UL 79-2016, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products (revision of ANSI/UL 79-2010 (R2014))
PINS Date: Mar 18, 2016
Public Review Start: Apr 29, 2016
Approval Date: May 31, 2016

PINS Date: Oct 18, 2019
Public Review Start: Dec 4, 2015
Approval Date: May 31, 2016

PINS Date: Mar 20, 2020
Public Review Start: May 14, 2020
Approval Date: Oct 19, 2018

PINS Date: Jun 22, 2018
Public Review Start: Sep 30, 2016
Approval Date: Mar 3, 2017

PINS Date: Sep 30, 2016
Public Review Start: Mar 3, 2017
Approval Date: Mar 3, 2017

ANSI/UL 796-2016, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2013a)
PINS Date: Oct 17, 2014
Approval Date: Mar 22, 2016

ANSI/UL 796-2016a, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2016)
PINS Date: Nov 20, 2015
Public Review Start: Dec 4, 2015
Approval Date: May 31, 2016

ANSI/UL 796-2016b, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2016)
PINS Date: Mar 11, 2016
Public Review Start: May 31, 2016
Approval Date: May 31, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Title</th>
<th>Status</th>
<th>Date of Approval</th>
<th>Date of Public Review Start</th>
<th>PINS Date</th>
</tr>
</thead>
</table>
ANSI/UL 80-2009 (R2019), Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (reaffirmation of ANSI/UL 80-2009 (R2014))
PINS Date:   Mar 19, 2019
Public Review Start:   Feb 15, 2019
Approval Date:   Apr 26, 2019

PINS Date:   Mar 20, 2009
Public Review Start:   Feb 21, 2020
Approval Date:   Jun 2, 2020
ISO JTC 1 Adoption

PINS Date:   Mar 24, 2017
Public Review Start:   Feb 14, 2020
Approval Date:   May 11, 2020
ISO JTC 1 Adoption

PINS Date:   Aug 21, 2019
Public Review Start:   Aug 21, 2019
Approval Date:   Oct 29, 2019

PINS Date:   Mar 1, 2017
Public Review Start:   Feb 3, 2017
Approval Date:   Mar 28, 2017

ANSI/UL 810B-2016, Standard for DC Power Capacitors (new standard)
PINS Date:   Jun 13, 2014
Public Review Start:   Sep 25, 2015
Approval Date:   May 25, 2016

PINS Date:   May 27, 2016
Public Review Start:   Oct 6, 2017
Approval Date:   Apr 27, 2018

ANSI/UL 8139-2018a, Standard for Safety for Electrical Systems of Electronic Cigarettes and Vaping Devices (new standard)
PINS Date:   May 27, 2016
Public Review Start:   Dec 22, 2017
Approval Date:   Apr 27, 2018

PINS Date:   Aug 21, 2015
Public Review Start:   Aug 21, 2015
Approval Date:   May 25, 2016
ISO JTC 1 Adoption

PINS Date:   Mar 29, 2013
Public Review Start:   Mar 29, 2013
Approval Date:   Mar 11, 2015

PINS Date:   Apr 25, 2014
Public Review Start:   Apr 25, 2014
Approval Date:   Mar 11, 2015

PINS Date:   May 16, 2014
Public Review Start:   May 16, 2014
Approval Date:   Mar 11, 2015

PINS Date:   Jul 25, 2014
Public Review Start:   Jul 25, 2014
Approval Date:   Mar 12, 2015

Provided by American National Standards Institute   www.ansi.org   Monday, June 15, 2020
PINS Date:
Approval Date: Mar 11, 2015

PINS Date:
Public Review Start: Jul 10, 2015
Approval Date: Jan 5, 2016

PINS Date:
Public Review Start: Sep 4, 2015
Approval Date: Jan 5, 2016

PINS Date:
Public Review Start: Nov 6, 2015
Approval Date: Jan 5, 2016

PINS Date:
Public Review Start: Dec 4, 2015
Approval Date: Mar 9, 2016

PINS Date:
Public Review Start: Jan 27, 2017
Approval Date: May 5, 2017

ANSI/UL 817-2017a, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2016a)
PINS Date:
Public Review Start: Mar 31, 2017
Approval Date: May 5, 2017

PINS Date:
Public Review Start: Jun 15, 2018
Approval Date: Aug 20, 2018

ANSI/UL 82-2015, Standard for Safety for Electric Gardening Appliances (Proposal Dated 10-10-14) (revision of ANSI/UL 82-2013)
PINS Date:
Approval Date: Jul 7, 2015

ANSI/UL 82-2016, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2015)
PINS Date:
Public Review Start: Jan 15, 2016
Approval Date: Mar 31, 2016

ANSI/UL 82-2016b, Electric Gardening Appliances (revision of ANSI/UL 82-2016)
PINS Date:
Public Review Start: Sep 30, 2016
Approval Date: Dec 9, 2016

ANSI/UL 82-2018, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2016)
PINS Date:
Public Review Start: Aug 24, 2018
Approval Date: Oct 26, 2018

ANSI/UL 82-2020, UL 82, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2018)
PINS Date:
Public Review Start: Feb 14, 2020
Approval Date: May 1, 2020

PINS Date:
Public Review Start: Feb 26, 2016
Approval Date: Apr 22, 2016
<table>
<thead>
<tr>
<th>ANSI/UL Standard Number</th>
<th>Title</th>
<th>Revision Dates</th>
<th>PINS Dates</th>
<th>Approval Dates</th>
</tr>
</thead>
</table>
PINS Date: Sep 4, 2015
Public Review Start: Nov 20, 2015
Approval Date: Feb 1, 2016

ANSI/UL 840-2012 (R2016), Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment (reaffirmation of ANSI/UL 840-2012)
PINS Date:
Approval Date: Oct 5, 2016

PINS Date:
Public Review Start: Aug 17, 2015
Approval Date: May 29, 2015

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Oct 26, 2017

ANSI/UL 842A-2015, Standard for Safety for Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)
PINS Date: Feb 14, 2014
Public Review Start: Oct 17, 2014
Approval Date: Feb 18, 2015

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Oct 26, 2016

PINS Date:
Public Review Start: Nov 16, 2018
Approval Date: Apr 1, 2019

PINS Date:
Public Review Start: Sep 15, 2017
Approval Date: Oct 26, 2017

ANSI/UL 842B-2020, Standard For Safety For Valves For Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 842B-2015)
PINS Date:
Public Review Start: Jan 31, 2020
Approval Date: Jun 3, 2020

PINS Date:
Public Review Start: May 29, 2015
Approval Date: Nov 13, 2015

PINS Date:
Approval Date: Nov 13, 2015

PINS Date:
Public Review Start: Jan 22, 2016
Approval Date: Mar 11, 2016
<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Standard Title</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
</table>
ANSI/UL 858-2015e, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2015a)
PINS Date: Public Review Start: Oct 9, 2015 Approval Date: Nov 18, 2015

PINS Date: Public Review Start: Aug 28, 2015 Approval Date: Feb 8, 2016

ANSI/UL 858-2016a, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2015)
PINS Date: Public Review Start: Dec 4, 2015 Approval Date: Feb 8, 2016

PINS Date: Public Review Start: Jul 8, 2016 Approval Date: Feb 8, 2017

PINS Date: Public Review Start: Apr 7, 2017 Approval Date: Aug 30, 2017

PINS Date: Public Review Start: Jul 7, 2017 Approval Date: Aug 30, 2017

PINS Date: Public Review Start: Jul 28, 2017 Approval Date: Nov 1, 2017

PINS Date: Public Review Start: Sep 22, 2017 Approval Date: Nov 1, 2017

PINS Date: Public Review Start: Mar 30, 2018 Approval Date: Jun 4, 2018

PINS Date: Public Review Start: Apr 19, 2019 Approval Date: Sep 12, 2019

PINS Date: Public Review Start: Oct 21, 2016 Approval Date: Dec 7, 2016

PINS Date: Public Review Start: Sep 8, 2017 Approval Date: Mar 29, 2018

PINS Date: Public Review Start: Feb 16, 2018 Approval Date: Mar 29, 2018

PINS Date: Public Review Start: Feb 14, 2020 Approval Date: May 7, 2020
<table>
<thead>
<tr>
<th>Standard</th>
<th>Title</th>
<th>Revision History</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 867-2016</td>
<td>Standard for Safety for Electrostatic Air Cleaners (proposal dated 7-29-16)</td>
<td>(revision of ANSI/UL 867-2013)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 867-2018</td>
<td>Standard for Safety for Electrostatic Air Cleaners</td>
<td>(revision of ANSI/UL 867-2016)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 870-2016</td>
<td>Wireways, Auxiliary Gutters, and Associated Fittings</td>
<td>(revision of ANSI/UL 870-2013)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 875-2016</td>
<td>Standard for Safety for Electric Dry-Bath Heaters (Proposal dated 8-19-2016)</td>
<td>(revision of ANSI/UL 875-2011)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 875-2017</td>
<td>Standard for Safety for Electric Dry-Bath Heaters</td>
<td>(revision of ANSI/UL 875-2016)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 875-2017b</td>
<td>Standard for Safety for Electric Dry-Bath Heaters</td>
<td>(revision of ANSI/UL 875-2016)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 8750-2015b</td>
<td>Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products</td>
<td>(revision of ANSI/UL 8750-2014)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 8750-2015c</td>
<td>Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products</td>
<td>(revision of ANSI/UL 8750-2015a)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 8750-2016</td>
<td>Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products</td>
<td>(revision of ANSI/UL 8750-2015)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 8750-2016a</td>
<td>Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products</td>
<td>(revision of ANSI/UL 8750-2015)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
<tr>
<td>ANSI/UL 8750-2016b</td>
<td>Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products</td>
<td>(revision of ANSI/UL 8750-2015)</td>
<td>PINS Date:</td>
<td>Public Review Start:</td>
<td>Approval Date:</td>
</tr>
</tbody>
</table>
PINS Date:
Approval Date: Jul 27, 2017

PINS Date:
Public Review Start: Mar 24, 2017
Approval Date: Aug 17, 2017

PINS Date:
Public Review Start: Jun 30, 2017
Approval Date: Aug 17, 2017

PINS Date:
Public Review Start: Apr 7, 2017
Approval Date: Dec 18, 2017

PINS Date:
Public Review Start: Oct 27, 2017
Approval Date: Dec 18, 2017

PINS Date:
Public Review Start: Aug 4, 2017
Approval Date: Feb 5, 2018

PINS Date:
Public Review Start: Dec 15, 2017
Approval Date: Feb 5, 2018

PINS Date:
Public Review Start: May 4, 2018
Approval Date: Aug 22, 2018

ANSI/UL 8750-2019, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 5-17-19) (revision of BSR/UL 8750-201X)
PINS Date:
Public Review Start: May 17, 2019
Approval Date: Jul 30, 2019

PINS Date:
Public Review Start: Sep 14, 2018
Approval Date: Jul 30, 2019

ANSI/UL 8750-2019b, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 7-26-19) (revision of BSR/UL 8750-201X)
PINS Date:
Public Review Start: Jul 26, 2019
Approval Date: Oct 11, 2019

PINS Date:
Public Review Start: Mar 6, 2020
Approval Date: Apr 28, 2020
PINS Date:
Public Review Start:   Feb 16, 2018
Approval Date:   Aug 3, 2018

PINS Date:
Public Review Start:   Feb 16, 2018
Approval Date:   Aug 3, 2018

PINS Date:
Public Review Start:   Mar 23, 2018
Approval Date:   Aug 3, 2018

PINS Date:
Public Review Start:   Mar 23, 2018
Approval Date:   Aug 3, 2018

PINS Date:
Public Review Start:   Jan 22, 2016
Approval Date:   Mar 22, 2016

PINS Date:
Public Review Start:   Jun 30, 2017
Approval Date:   Aug 31, 2017

PINS Date:
Public Review Start:   Mar 30, 2018
Approval Date:   Jun 27, 2018

PINS Date:
Public Review Start:   Apr 5, 2019
Approval Date:   Jun 4, 2019
PINS Date: Oct 25, 2019
Approval Date: Dec 12, 2019

ANSI/UL 87B-2015, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)
PINS Date: Feb 14, 2014
Public Review Start: Oct 17, 2014
Approval Date: Feb 13, 2015

PINS Date: Jan 22, 2016
Approval Date: Mar 22, 2016

ANSI/UL 87B-2017, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2016)
PINS Date: Jun 30, 2017
Public Review Start: Sep 7, 2017
Approval Date: Jul 19, 2019

PINS Date: Apr 5, 2019
Public Review Start: Jun 4, 2019
Approval Date: Jul 19, 2019

PINS Date: Oct 25, 2019
Approval Date: Dec 12, 2019

PINS Date: May 11, 2018
Public Review Start: Jun 14, 2019
Approval Date: Aug 30, 2019

PINS Date: Mar 18, 2016
Public Review Start: May 20, 2016
Approval Date: May 20, 2016

PINS Date: Apr 13, 2018
Public Review Start: Apr 27, 2018
Approval Date: Jul 19, 2019

ANSI/UL 891-2019, Standard for Safety for Switchboards (revision of ANSI/UL 891-2012)
PINS Date: Nov 9, 2018
Public Review Start: Jul 19, 2019
Approval Date: Nov 22, 2016

ANSI/UL 896-2004 (R2016), Standard for Safety for Oil-Burning Stoves (reaffirmation of ANSI/UL 896-2004 (R2012))
PINS Date: Sep 30, 2016
PINS Date: Public Review Start: Nov 29, 2019 Approval Date: Mar 20, 2020

PINS Date: Public Review Start: Oct 7, 2011 Approval Date: Feb 14, 2012

PINS Date: Public Review Start: Dec 16, 2011 Approval Date: Feb 14, 2012

PINS Date: Public Review Start: Jun 28, 2019 Approval Date: Aug 19, 2019

PINS Date: Public Review Start: Mar 27, 2015 Approval Date: Apr 28, 2015

PINS Date: Public Review Start: May 1, 2015 Approval Date: Oct 16, 2015


PINS Date: Public Review Start: Aug 24, 2018 Approval Date: Dec 10, 2018

PINS Date: Public Review Start: Oct 12, 2018 Approval Date: Dec 10, 2018

PINS Date: Public Review Start: Sep 27, 2019 Approval Date: Dec 6, 2019

ANSI/UL 920001-2011 (R2015), Standard for Performance Requirements for Toxic Gas Detectors (proposal dated 05-08-15) (reaffirmation and redesignation of ANSI/ISA 92.00.01-2010)
PINS Date: Public Review Start: May 8, 2015 Approval Date: Jul 10, 2015

PINS Date: Public Review Start: Aug 11, 2017 Approval Date: Oct 13, 2017
ANSI/UL 920004-2014 (R2017), Standard for Safety for Performance Requirements for Open Path Tox Gas Detectors (proposal dated 08-11-17) (reaffirmation and redesignation of ANSI/ISA 92.00.04-2014)
PINS Date:
Public Review Start: Aug 11, 2017
Approval Date: Oct 13, 2017

PINS Date:
Public Review Start: Aug 25, 2017
Approval Date: Nov 3, 2017

ANSI/UL 921-2016, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2012)
PINS Date:
Approval Date: Mar 23, 2016

PINS Date:
Public Review Start: Dec 16, 2016
Approval Date: Sep 20, 2017

PINS Date:
Public Review Start: Sep 13, 2019
Approval Date: Jan 30, 2020

ANSI/UL 923-2015, the Standard for Microwave Cooking Appliances (revision of ANSI/UL 923-2013a)
PINS Date:
Public Review Start: Nov 29, 2013
Approval Date: Jun 18, 2015

ANSI/UL 923-2015a, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2013a)
PINS Date:
Public Review Start: Jan 30, 2015
Approval Date: Jun 18, 2015

ANSI/UL 923-2015b, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2013a)
PINS Date:
Public Review Start: Jun 19, 2015
Approval Date: Nov 11, 2015

ANSI/UL 923-2015c, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2015a)
PINS Date:
Public Review Start: Sep 25, 2015
Approval Date: Nov 11, 2015

PINS Date:
Public Review Start: Jun 9, 2017
Approval Date: Jul 19, 2017

PINS Date:
Public Review Start: Feb 24, 2017
Approval Date: Apr 12, 2017

PINS Date:
Approval Date: Apr 12, 2017

PINS Date:
Public Review Start: Oct 26, 2018
Approval Date: Jan 3, 2019

ANSI/UL 923-2019a, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017b)
PINS Date:
Public Review Start: Aug 3, 2018
Approval Date: Feb 13, 2019
PINS Date: Public Review Start: Sep 25, 2015 Approval Date: Dec 16, 2015

PINS Date: Public Review Start: Sep 30, 2016 Approval Date: Mar 8, 2017

PINS Date: Public Review Start: Jan 20, 2017 Approval Date: Mar 8, 2017

PINS Date: Public Review Start: Jul 14, 2017 Approval Date: Nov 8, 2017

PINS Date: Public Review Start: Sep 8, 2017 Approval Date: Nov 8, 2017

PINS Date: Public Review Start: Feb 23, 2018 Approval Date: May 1, 2018

PINS Date: Public Review Start: Feb 21, 2020 Approval Date: May 5, 2020

ANSI/UL 935-2014 (R2018), Standard for Fluorescent-Lamp Ballasts (reaffirmation of ANSI/UL 935-2014)
PINS Date: Public Review Start: Nov 2, 2018 Approval Date: Dec 18, 2018

PINS Date: Public Review Start: Jan 20, 2015 Approval Date: Jul 7, 2015

PINS Date: Public Review Start: Feb 14, 2014 Approval Date: Jul 7, 2015

PINS Date: Public Review Start: Oct 16, 2015 Approval Date: Jan 22, 2016

PINS Date: Public Review Start: Dec 4, 2015 Approval Date: Mar 21, 2016

PINS Date: Public Review Start: Nov 25, 2016 Approval Date: Feb 17, 2017

PINS Date: Public Review Start: May 19, 2017 Approval Date: Sep 25, 2017
<table>
<thead>
<tr>
<th>ANSI/UL Standard</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/UL 943B-2018</td>
<td>Standard for Safety for Appliance Leakage-Current Interrupters</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Approved American National Standards

- PINS Date: Oct 18, 2019
- Approval Date: Mar 27, 2020

- PINS Date: Jan 24, 2020
- Approval Date: Mar 11, 2020

- PINS Date: Nov 27, 2015
- Approval Date: Jan 11, 2016

- PINS Date: Feb 10, 2017
- Approval Date: Jun 27, 2017

- PINS Date: May 12, 2017
- Approval Date: Jun 27, 2017

- PINS Date: Mar 16, 2018
- Approval Date: May 6, 2019

- PINS Date: Apr 21, 2017
- Approval Date: May 30, 2017

- PINS Date: Oct 20, 2017
- Approval Date: Mar 30, 2018
PINS Date: Public Review Start: Jan 19, 2018 Approval Date: Mar 30, 2018

PINS Date: Aug 4, 2017 Public Review Start: Feb 21, 2020 Approval Date: May 22, 2020

PINS Date: Nov 2, 2007 Public Review Start: Dec 6, 2019 Approval Date: Feb 7, 2020

PINS Date: Public Review Start: Sep 25, 2015 Approval Date: Dec 23, 2015

PINS Date: Public Review Start: Jun 3, 2016 Approval Date: Jul 29, 2016

PINS Date: Public Review Start: Jun 13, 2014 Approval Date: Oct 10, 2014

PINS Date: Public Review Start: Feb 20, 2015 Approval Date: Feb 12, 2016

PINS Date: Public Review Start: Sep 7, 2018 Approval Date: Aug 30, 2019

PINS Date: Public Review Start: Mar 1, 2019 Approval Date: Aug 30, 2019

PINS Date: Public Review Start: Jun 6, 2014 Approval Date: Jun 10, 2015

PINS Date: Public Review Start: Dec 19, 2014 Approval Date: Jun 10, 2015

PINS Date: Public Review Start: Jan 2, 2015 Approval Date: Jun 10, 2015

PINS Date: Public Review Start: Apr 15, 2016 Approval Date: Nov 30, 2016

PINS Date: Public Review Start: Sep 9, 2016 Approval Date: Nov 30, 2016
ANSI/UL 982-2017, Standard For Safety For Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2016)
  PINS Date: 
  Public Review Start: May 26, 2017
  Approval Date: Oct 25, 2017

ANSI/UL 982-2017a, Standard For Safety For Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2016a)
  PINS Date: 
  Public Review Start: Sep 1, 2017
  Approval Date: Oct 25, 2017

  PINS Date: 
  Public Review Start: Jun 21, 2019
  Approval Date: Sep 27, 2019

  PINS Date: 
  Public Review Start: Jan 31, 2014
  Approval Date: May 11, 2015

  PINS Date: 
  Public Review Start: Jun 20, 2014
  Approval Date: May 11, 2015

  PINS Date: 
  Public Review Start: Sep 12, 2014
  Approval Date: May 11, 2015

  PINS Date: 
  Public Review Start: Mar 17, 2017
  Approval Date: Sep 5, 2017

  PINS Date: 
  Public Review Start: Dec 8, 2017
  Approval Date: Jul 12, 2018

  PINS Date: 
  Public Review Start: May 4, 2018
  Approval Date: Jul 12, 2018

  PINS Date: 
  Public Review Start: Mar 15, 2019
  Approval Date: May 30, 2019

  PINS Date: 
  Public Review Start: Oct 4, 2019
  Approval Date: Dec 10, 2019

  PINS Date: 
  Public Review Start: Feb 14, 2020
  Approval Date: May 1, 2020

  PINS Date: 
  Public Review Start: Oct 9, 2015
  Approval Date: Apr 4, 2016

  PINS Date: 
  Public Review Start: Dec 25, 2015
  Approval Date: Apr 4, 2016

ANSI/UL 998-2020, Standard for Safety for Humidifiers (proposal dated 8/9/19) (revision of ANSI/UL 998-2016a)
  PINS Date: 
  Public Review Start: Aug 16, 2019
  Approval Date: Apr 9, 2020
Approved American National Standards

PINS Date: Public Review Start: Aug 24, 2018 Approval Date: Mar 12, 2019

PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Dec 11, 2017

ANSI Z80.1-2015, Prescription Spectacle Lenses (revision of ANSI Z80.1-2010)

ANSI Z80.17-2013 (R2018), Focimeters (reaffirmation of ANSI Z80.17-2013)
PINS Date: Public Review Start: Apr 6, 2018 Approval Date: Jun 13, 2018

ANSI Z80.10-2018, Tonometers (revision of ANSI Z80.10-2014)
PINS Date: Oct 13, 2017 Public Review Start: Jun 29, 2018 Approval Date: Sep 27, 2018

ANSI Z80.20-2016, Contact Lenses - Standard Terminology, Tolerances Measurements and Physicochemical Properties (revision of ANSI Z80.20-2010)
PINS Date: Dec 18, 2015 Public Review Start: Aug 26, 2016 Approval Date: Dec 6, 2016

ANSI Z80.11-2012 (R2017), Laser Systems for Corneal Reshaping (reaffirmation of ANSI Z80.11-2012)
PINS Date: Jun 27, 2014 Public Review Start: Oct 13, 2017 Approval Date: Dec 11, 2017

ANSI Z80.21-2020, Instruments – General-Purpose Clinical Visual Acuity Charts (revision of ANSI Z80.21-2010 (R2015))
PINS Date: Aug 24, 2018 Public Review Start: Nov 15, 2019 Approval Date: Jan 24, 2020

PINS Date: Oct 13, 2017 Public Review Start: Sep 21, 2018 Approval Date: Nov 9, 2018

ANSI Z80.12-2007 (R2017), Multifocal Intraocular Lenses (reaffirmation of ANSI Z80.12-2007 (R2012))
PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Dec 11, 2017

ANSI Z80.24-2007 (R2017), Information Interchange for Ophthalmic Optical Equipment (reaffirmation of ANSI Z80.24-2007 (R2012))
PINS Date: Public Review Start: Oct 13, 2017 Approval Date: Dec 11, 2017

ISO Adoption

Provided by American National Standards Institute www.ansi.org Monday, June 15, 2020 PAGE | 1061
ANSI Z80.27-2014 (R2019), *Implantable Glaucoma Devices* (reaffirmation of ANSI Z80.27-2014)
PINS Date: Oct 4, 2019
Approval Date: Dec 9, 2019

PINS Date: Jan 23, 2015
Public Review Start: Jun 26, 2015
Approval Date: Mar 27, 2017

PINS Date: Dec 5, 2014
Public Review Start: Feb 13, 2015
Approval Date: May 28, 2015

PINS Date: Oct 6, 2017
Public Review Start: Dec 1, 2017
Approval Date: Feb 14, 2018

ANSI Z80.30-2018, *Toric Intraocular Lenses* (revision of ANSI Z80.30-2010)
PINS Date: Feb 13, 2015
Public Review Start: Feb 16, 2018
Approval Date: Apr 24, 2018

PINS Date: Mar 31, 2017
Public Review Start: Sep 22, 2017
Approval Date: Dec 12, 2017

ANSI Z80.35-2018, *Extended Depth of Focus (EDF) Lenses* (new standard)
PINS Date: Nov 7, 2014
Public Review Start: Jul 27, 2018
Approval Date: Sep 25, 2018

ANSI Z80.36-2016, *Light Hazard Protection for Ophthalmic Instruments* (new standard)
PINS Date: Sep 25, 2015
Public Review Start: Jan 29, 2016
Approval Date: Mar 17, 2016

PINS Date: Jan 20, 2017
Public Review Start: Sep 22, 2017
Approval Date: Dec 11, 2017

PINS Date: Jan 20, 2017
Public Review Start: Feb 24, 2017
Approval Date: Jul 28, 2017

ANSI Z80.7-2013 (R2018), *Intraocular Lenses* (reaffirmation of ANSI Z80.7-2013)
PINS Date: Apr 13, 2018
Public Review Start: Jul 27, 2018
Approval Date: Sep 25, 2018

ANSI Z80.9-2020, *Devices for Low Vision* (revision of ANSI Z80.9-2010 (R2015))
PINS Date: Aug 24, 2018
Public Review Start: Feb 7, 2020
Approval Date: Apr 9, 2020

PINS Date: Aug 21, 2015
Public Review Start: Dec 4, 2015
Approval Date: Mar 31, 2016

ISO Adoption

ANSI/ISO 7998-2016, *Spectacle Frames- Lists of Equivalent Terms and Vocabulary* (identical national adoption of ISO 7988)
PINS Date: Aug 21, 2015
Public Review Start: Dec 4, 2015
Approval Date: Mar 31, 2016

ISO Adoption
ANSI/ISO 8624-2016, Spectacle Frames-Measuring System and terminology (identical national adoption of ISO 8624)
PINS Date: Aug 21, 2015
Public Review Start: Dec 4, 2015
Approval Date: Mar 31, 2016
ISO Adoption

ANSI/VITA 1-1994 (S2011), VME64 (stabilized maintenance of ANSI/VITA 1-1994 (R2002))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Nov 4, 2011

PINS Date:
Approval Date: Nov 4, 2011

ANSI/VITA 1.3-1997 (S2011), VME64x 9U x 400mm Format (stabilized maintenance of ANSI/VITA 1.3-1997 (R2003))
PINS Date:
Approval Date: Nov 4, 2011

ANSI/VITA 1.5-2003 (S2014), 2esST (stabilized maintenance of ANSI/VITA 1.5-2003 (R2009))
PINS Date:
Public Review Start: Feb 14, 2014
Approval Date: May 12, 2014

ANSI/VITA 1.6-2000 (S2011), Keying for Conduction Cooled VME64x (stabilized maintenance of ANSI/VITA 1.6-2000 (R2005))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Nov 4, 2011

ANSI/VITA 1.7-2003 (S2014), Increased Current DIN Connector (stabilized maintenance of ANSI/VITA 1.7-2003 (R2009))
PINS Date:
Public Review Start: Feb 14, 2014
Approval Date: May 12, 2014

PINS Date:
Public Review Start: Jan 27, 2012
Approval Date: Mar 29, 2012

PINS Date:
Public Review Start: Mar 5, 2010
Approval Date: Nov 4, 2011

PINS Date: Feb 28, 2014
Public Review Start: Apr 17, 2015
Approval Date: Aug 11, 2015

ANSI/VITA 17.3-2018, Serial Front Panel Data Port (sFPDP) Gen 3.0 (new standard)
PINS Date: Dec 15, 2017
Public Review Start: Feb 16, 2018
Approval Date: Apr 10, 2018

PINS Date:
Public Review Start: Jul 1, 2016
Approval Date: Mar 5, 2018

PINS Date:
Public Review Start: Mar 5, 2010
Approval Date: Nov 4, 2011
PINS Date:
Approval Date: Nov 4, 2011

ANSI/VITA 3-1995 (S2011), Board Level Live Insertion (stabilized maintenance of ANSI/VITA 3-1995 (R2002))
PINS Date:
Approval Date: Nov 4, 2011

PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Nov 4, 2011

PINS Date:
Public Review Start: May 2, 2014
Approval Date: Nov 18, 2014

PINS Date:
Public Review Start: Feb 14, 2014
Approval Date: Nov 18, 2014

PINS Date:
Public Review Start: Feb 14, 2014
Approval Date: May 12, 2014

ANSI/VITA 35-2000 (S2011), PMC-P4 Pin Out Mapping to VME-P0 and VME64x-P2 (stabilized maintenance of ANSI/VITA 35-2000 (R2005))
PINS Date:
Public Review Start: Aug 26, 2011
Approval Date: Nov 4, 2011

PINS Date:
Public Review Start: Nov 2, 2012
Approval Date: Feb 20, 2013

PINS Date:
Public Review Start: Feb 14, 2014
Approval Date: May 12, 2014

ANSI/VITA 4-1995 (S2011), IP Modules (stabilized maintenance of ANSI/VITA 4-1995 (R2002))
PINS Date:
Approval Date: Nov 4, 2011

PINS Date:
Approval Date: Nov 4, 2011

ANSI/VITA 40-2020, Status Indicator Standard (new standard)
PINS Date: Jun 22, 2018
Public Review Start: May 24, 2019
Approval Date: Jan 7, 2020

ANSI/VITA 41.0-2006 (S2018), VXS VMEbus Switched Serial Standard (stabilized maintenance of ANSI/VITA 41.0-2006 (R2011))
PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: May 21, 2018

PINS Date:
Public Review Start: Apr 28, 2017
Approval Date: May 21, 2018
PINS Date:  
Public Review Start:  Apr 28, 2017  
Approval Date:  May 21, 2018  

ANSI/VITA 41.6-2009 (R2016), VXS 1X Gigabit Ethernet Control Channel Layer Standard (reaffirmation of ANSI/VITA 41.6-2009)  
PINS Date:  Sep 11, 2015  
Public Review Start:  Feb 6, 2015  
Approval Date:  Aug 24, 2016  

ANSI/VITA 42.0-2016, XMC Switched Mezzanine Card Auxiliary Standard (revision of ANSI/VITA 42.0-2014)  
PINS Date:  Sep 11, 2015  
Public Review Start:  Nov 6, 2015  
Approval Date:  Aug 24, 2016  

PINS Date:  Apr 28, 2017  
Approval Date:  May 21, 2018  

ANSI/VITA 42.2-2006 (S2018), XMC Serial RapidIO Protocol Layer Standard (stabilized maintenance of ANSI/VITA 42.2-2006 (R2012))  
PINS Date:  Apr 28, 2017  
Approval Date:  May 21, 2018  

ANSI/VITA 42.3-2014, XMC PCI Express Protocol Layer Standard (revision of ANSI/VITA 42.3-2006)  
PINS Date:  Nov 23, 2012  
Public Review Start:  May 24, 2013  
Approval Date:  Feb 20, 2014  

ANSI/VITA 42.6-2009 (R2015), XMC 10 Gigabit Ethernet 4-Lane Protocol Layer Standard (reaffirmation of ANSI/VITA 42.6-2009)  
PINS Date:  Feb 6, 2015  
Approval Date:  Aug 31, 2015  

ANSI/VITA 44.0-2019, VPX Baseline Standard (revision of ANSI/VITA 44.0-2013)  
PINS Date:  Dec 15, 2017  
Public Review Start:  Oct 19, 2018  
Approval Date:  Feb 1, 2019  

PINS Date:  Feb 6, 2015  
Public Review Start:  Mar 23, 2018  
Approval Date:  Aug 16, 2018  

ANSI/VITA 46.6-2013 (R2018), Gigabit Ethernet Control Plane on VPX (reaffirmation of ANSI/VITA 46.6-2013)  
PINS Date:  Mar 23, 2018  
Approval Date:  Aug 16, 2018  

Provided by American National Standards Institute  www.ansi.org  Monday, June 15, 2020  PAGE | 1065
ANSI/VITA 46.7-2012 (R2018), Ethernet on VPX Fabric Connector (reaffirmation of ANSI/VITA 46.7-2012)
PINS Date:  Aug 25, 2017
Approval Date:  Jun 13, 2018

PINS Date:  May 20, 2016
Public Review Start:  Dec 15, 2017
Approval Date:  Mar 5, 2018

ANSI/VITA 47.0-2019, Construction, Safety, and Quality for Plug-In Modules Standard (new standard)
PINS Date:  Dec 8, 2017
Public Review Start:  Feb 1, 2019
Approval Date:  Apr 9, 2019

PINS Date:  Dec 8, 2017
Public Review Start:  Jul 6, 2018
Approval Date:  Aug 29, 2019

ANSI/VITA 47.2-2019, Class 2 Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-in Modules Dot Standards (new standard)
PINS Date:  Dec 22, 2017
Public Review Start:  Jul 6, 2018
Approval Date:  Aug 29, 2019

ANSI/VITA 47.3-2019, Class 3 Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-In Modules Dot Standard (new standard)
PINS Date:  Dec 22, 2017
Public Review Start:  Jul 6, 2018
Approval Date:  Aug 29, 2019

PINS Date:  Feb 8, 2008
Public Review Start:  Feb 19, 2010
Approval Date:  Jun 22, 2010

ANSI/VITA 48.1-2010, Mechanical Specification for Microcomputers Using REDI Air Cooling (new standard)
PINS Date:  Feb 8, 2008
Public Review Start:  Feb 19, 2010
Approval Date:  Jul 7, 2010

ANSI/VITA 48.2-2010, Mechanical Specification for Microcomputers Using REDI Conduction Cooling Applied to VITA VPX (new standard)
PINS Date:  Feb 8, 2008
Public Review Start:  Feb 19, 2010
Approval Date:  Jun 22, 2010

ANSI/VITA 48.4-2018, Liquid Flow Through VPX Plug-In Module Standard (new standard)
PINS Date:  Sep 2, 2016
Public Review Start:  Mar 30, 2018
Approval Date:  Jun 8, 2018

PINS Date:  Dec 7, 2012
Public Review Start:  Nov 27, 2015
Approval Date:  Dec 11, 2017

ANSI/VITA 48.7-2014, Mechanical Standard for Electronic Plug-in Units using Air Flow-by Cooling Technology (new standard)
PINS Date:  Dec 7, 2012
Public Review Start:  Jul 18, 2014
Approval Date:  Oct 27, 2014

PINS Date:  Mar 25, 2016
Public Review Start:  Jan 6, 2017
Approval Date:  Apr 13, 2017
<table>
<thead>
<tr>
<th>Standard</th>
<th>Date</th>
<th>Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/VITA 51.3-2010 (R2016), Qualification and Environmental Stress Screening in Support of Reliability Predictions (reaffirmation of ANSI/VITA 51.3-2010)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PINS Date: Nov 23, 2012
Approval Date: Nov 4, 2011

PINS Date: Nov 23, 2012
Approval Date: Nov 4, 2011

ANSI/VITA 60-2012 (R2018), Alternative Connector for VPX (reaffirmation of ANSI/VITA 60-2012)
PINS Date: May 21, 2018
Public Review Start: Aug 25, 2017
Approval Date: Aug 5, 2014

ANSI/VITA 61.0-2014, XMC 2.0 (revision of ANSI/VITA 61.0-2011)
PINS Date: Aug 24, 2016
Public Review Start: Jan 3, 2014
Approval Date: Aug 25, 2017

PINS Date: Jan 3, 2014
Approval Date: Aug 24, 2016

ANSI/VITA 63-2015, Hyperboloid Alternative Connector for VPX (new standard)
PINS Date: Jun 17, 2015
Public Review Start: Aug 15, 2014
Approval Date: Apr 30, 2010

PINS Date: Apr 30, 2010
Public Review Start: Aug 30, 2019
Approval Date: Nov 12, 2019

PINS Date: Mar 30, 2018
Public Review Start: Aug 30, 2019
Approval Date: Nov 12, 2019

ANSI/VITA 66.0-2016, Optical Interconnect on VPX - Base Standard (revision of ANSI/VITA 66.0-2011)
PINS Date: Jun 5, 2015
Public Review Start: Dec 18, 2015
Approval Date: Jul 1, 2016

ANSI/VITA 66.1-2012, Optical Interconnect on VPX - MT Variant (new standard)
PINS Date: Apr 30, 2010
Approval Date: Dec 21, 2011

ANSI/VITA 66.2-2013 (R2018), Optical Interconnect on VPX - ARINC 801 Termini Variant (reaffirmation of ANSI/VITA 66.2-2013)
PINS Date: Mar 23, 2018
Public Review Start: Mar 23, 2018
Approval Date: Sep 28, 2018

ANSI/VITA 66.3-2012 (R2018), Optical Interconnect on VPX - Mini Expanded Beam Variant (reaffirmation of ANSI/VITA 66.3-2012)
PINS Date: Mar 23, 2018
Public Review Start: Mar 23, 2018
Approval Date: Sep 28, 2018

ANSI/VITA 66.4-2016, Optical Interconnect on VPX - Half Width MT Variant (new standard)
PINS Date: Jun 14, 2013
Public Review Start: Dec 18, 2015
Approval Date: Apr 25, 2016

ANSI/VITA 66.5-2019, Coaxial Interconnect on VPX – Base Standard (revision of ANSI/VITA 66.5-2017)
PINS Date: Jun 14, 2013
Public Review Start: Dec 14, 2018
Approval Date: Apr 9, 2019
PINS Date: Oct 13, 2017
Public Review Start: Apr 13, 2018
Approval Date: Apr 9, 2019

ANSI/VITA 67.2-2012, Coaxial Interconnect on VPX, 8 Position SMPM (new standard)
PINS Date: Dec 31, 2010
Public Review Start: Feb 10, 2012
Approval Date: Jul 3, 2012

ANSI/VITA 67.3-2017, Coaxial Interconnect on VPX, Spring-Loaded Contact on Backplane (new standard)
PINS Date: Jun 14, 2013
Public Review Start: Apr 28, 2017
Approval Date: Dec 11, 2017

ANSI/VITA 68.0-2017, VPX Compliance Channel Standard (new standard)
PINS Date: Apr 30, 2010
Public Review Start: Jul 28, 2017
Approval Date: Dec 4, 2017

ANSI/VITA 68.1-2017, VPX Compliance Channel - Fixed Signal Integrity Budget Standard (new standard)
PINS Date: Apr 14, 2017
Public Review Start: Jul 28, 2017
Approval Date: Dec 4, 2017

ANSI/VITA 74.0-2017, Compliant System Small Form Factor Module Base Standard (new standard)
PINS Date: Mar 9, 2012
Public Review Start: Aug 11, 2017
Approval Date: Dec 4, 2017

ANSI/VITA 76-2016, High Performance Cable Standard (new standard)
PINS Date: Feb 25, 2011
Public Review Start: Nov 6, 2015
Approval Date: Feb 11, 2016

ANSI/VITA 78-2015, SpaceVPX System Specification (new standard)
PINS Date: Nov 21, 2014
Public Review Start: Feb 6, 2015
Approval Date: Apr 2, 2015

PINS Date: Sep 7, 2018
Public Review Start: Nov 23, 2018
Approval Date: Feb 1, 2019

WCMA (Window Covering Manufacturers Association)
www.wcmanet.org

ANSI/WCMA A100.1-2018, Standard for Safety of Window Covering Products (revision of ANSI/WCMA A100.1-2014)
PINS Date: May 12, 2017
Public Review Start: Sep 22, 2017
Approval Date: Jan 8, 2018

WDMA (Window and Door Manufacturers Association)
www.wdma.com

PINS Date: Apr 27, 2012
Public Review Start: Jun 28, 2013
Approval Date: Oct 30, 2013

PINS Date: Dec 9, 2005
Public Review Start: Jun 28, 2013
Approval Date: Oct 30, 2013
<table>
<thead>
<tr>
<th>Organization</th>
<th>Title</th>
<th>Description</th>
<th>PINS Date</th>
<th>Public Review Start</th>
<th>Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMMA (ASC O1) (Wood Machinery Manufacturers of America)</td>
<td>ANSI WMMA 01.1-3-2014</td>
<td>Safety Requirements for CNC Machining Centers for the Woodworking Industry</td>
<td>Mar 16, 2012</td>
<td>Nov 8, 2013</td>
<td>May 6, 2014</td>
</tr>
<tr>
<td>WMMA (ASC O1) (Wood Machinery Manufacturers of America)</td>
<td>ANSI WMMA 01.1-4-2015</td>
<td>Safety Requirements for Shapers</td>
<td>Apr 27, 2012</td>
<td>Sep 4, 2015</td>
<td>Dec 9, 2015</td>
</tr>
<tr>
<td>X12 (X12 Incorporated)</td>
<td>ANSI X12 Series</td>
<td>A collection of all ANSI-approved X12 standards. Individual X12 standards not available separately</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANSI X12.59-2004 (R2013), Implementation of EDI
Structures - Semantic Impact (reaffirmation of ANSI X12.59-2004 (R2008))
PINS Date: Sep 3, 2010
Public Review Start: Nov 15, 2013
Approval Date: Oct 16, 2015

ANSI X12.6-2004 (R2013), X12.6 Application Control Structure (reaffirmation of ANSI X12.6-2004 (R2008))
PINS Date: Sep 3, 2010
Public Review Start: Nov 15, 2013
Approval Date: Oct 16, 2015