Approved American National Standards

User Guide for Approved American National Standards (ANS) related Data

Listed below are Approved American National Standards (ANS) as of 12/18/2023. Additional information about these Approved 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.

Some approved ANS are available for purchase at http://webstore.ansi.org/.

The procedures that govern the ANS process are called the "ANSI Essential Requirements: Due process requirements for American National Standards" ANSI Essential Requirements. A list of all ASDs is available at www.ansi.org/asd. Questions concerning the ANS process may be directed to psa@ansi.org.

3-A (3-A Sanitary Standards, Inc.)
6888 Elm Street, Suite 2D, McLean, VA  22101-3829 | w: www.3-a.org


A3 (Association for Advancing Automation)
900 Victors Way, Suite 140, Ann Arbor, MI  48108-5210 | w: www.automate.org/robotics

- ANSI/A3 R15.08-2-2023, Industrial Mobile Robots - Safety Requirements - Part 2: Requirements for IMR system(s) and IMR application(s) (new standard) PINS: Mar 6, 2015 | Public Review: Apr 21, 2023 | Final Action: Jul 18, 2023 Approved

AA (ASC H35) (Aluminum Association)
1400 Crystal Drive, Suite 430, Arlington, VA  22202 | w: www.aluminum.org


AABC (Associated Air Balance Council)

1015 18th St. NW, Suite 603, Washington, DC  20036 | w: www.aabc.com


AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO  80904 | w: www.aafs.org


Approved American National Standards

AAFS (American Academy of Forensic Sciences)
410 North 21st Street, Colorado Springs, CO 80904 | w: www.aafs.org

- ANSI/ASB Std 054-2021, Standard for a Quality Control Program in Forensic Toxicology Laboratories (new standard) PINS: May 18, 2018 | Public Review: Apr 30, 2021 | Final Action: Sep 24, 2021 Approved
- ANSI/ASB Std 037-2019, Guidelines for Opinions and Testimony in Forensic Toxicology (new standard) PINS: Jun 9, 2017 | Public Review: Jun 22, 2018 | Final Action: Jan 18, 2019 Approved


The data in this document is reported as of Monday, December 18, 2023

Approved American National Standards

AAMI (Association for the Advancement of Medical Instrumentation)
901 North Glebe Road, Suite 300, Arlington, VA 22203 | w: www.aami.org


- ANSI/AAMI PC76-2021, Active implantable medical devices - Requirements and test protocols for safety of patients with pacemakers and ICDs exposed to magnetic resonance imaging (new standard) PINS: Apr 15, 2011 | Public Review: Dec 4, 2020 | Final Action: Apr 6, 2021 Approved


Approved American National Standards

AAMI (Association for the Advancement of Medical Instrumentation)
901 North Glebe Road, Suite 300, Arlington, VA  22203 | w: www.aami.org


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AAMI (Association for the Advancement of Medical Instrumentation)
901 North Glebe Road, Suite 300, Arlington, VA 22203 | w: www.aami.org


Approved American National Standards


ANSI/AAMI/ISO 15223-1-2022, Medical devices - Symbols to be used with information to be supplied by the manufacturer - Part 1: General requirements (identical national adoption of ISO 15223-1:2021 and revision of ANSI/AAMI/ISO 15223-1:2016) Public Review: May 13, 2022 | Final Action: Jan 9, 2023 Approved


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 (reaffirm a national adoption ANSI/AAMI/ISO 27185-2012) Public Review: Feb 3, 2017 | Final Action: Jun 1, 2017


AARST (American Association of Radon Scientists and Technologists)
527 N. Justice Street, Hendersonville, NC  28739 | w: www.aarst.org


ABMA (American Brush Manufacturers Association)

1432 Riverwalk Ct., P.O. Box 102, dfrendt@abma.org, OH 43566 | w: www.abma.org

- ANSI B165.1-2019, Power Driven Brushing Tools -Safety

ABMA (ASC B3) (American Bearing Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA  22314 | w: www.americanbearings.org


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ANSI/ABYC C-7-2023, Battery Switches (revision of ANSI/ABYC C-7-2021) PINS: Nov 4, 2022 | Public Review: Apr 7, 2023 | Final Action: Jul 27, 2023 Approved


ANSI/ABYC P-6-2021, PROPELLER SHAFTING SYSTEMS (revision of ANSI/ABYC P-6-2016) PINS: Oct 9, 2020 | Public Review: Apr 2, 2021 | Final Action: Jul 6, 2021 Approved


ACCA (Air Conditioning Contractors of America)
1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | w: www.acca.org


ACCT (Association for Challenge Course Technology)
P.O. Box 19797, Boulder, CO 80308 | w: www.acctinfo.org


ACMA (American Composites Manufacturers Association)
2000 N. 15th Street, Suite 250, Arlington, VA 22201 | w: www.acmanet.org


ACP (American Clean Power Association)
1501 M Street NW, Suite 1000, Washington, DC 22205 | w: www.cleanpower.org

- ANSI/ACP 1000-2.3-2023, Rescue and Fall Protection Standard: Fall Protection Training Requirements (new standard) PINS: May 21, 2021 | Public Review: Jan 28, 2022 | Final Action: Sep 29, 2023 Approved
 Approved American National Standards


ADA (Organization) (American Dental Association)


Approved American National Standards

ADA (Organization) (American Dental Association)
211 East Chicago Avenue, Chicago, IL  60611-2678 | w: www.ada.org

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ADA (Organization) (American Dental Association)

211 East Chicago Avenue, Chicago, IL  60611-2678 | w: www.ada.org


ADA (Organization) (American Dental Association)
211 East Chicago Avenue, Chicago, IL  60611-2678 | w: www.ada.org


AGA (ASC B109) (American Gas Association)
400 N. Capitol St., NW, Suite 450, Washington, DC  20001 | w: www.aga.org


AGA (ASC Z223) (American Gas Association)
400 North Capitol Street, NW, Suite 450, Washington, DC  20001 | w: www.aga.org


AGA (ASC Z380) (American Gas Association)
400 North Capitol Street, NW, Suite 450, Washington, DC  20001 | w: www.aga.org


AGMA (American Gear Manufacturers Association)
1001 N. Fairfax Street, Suite 500, Alexandria, VA  22314 | w: www.agma.org


AGSC (Auto Glass Safety Council)
PO Box 569, Garrisonville, VA 22463 | w: www.agsc.org


AHAM (Association of Home Appliance Manufacturers)
1111 19th Street NW, Suite 1150, Washington, DC 20036 | w: www.aham.org


AHRI (Air-Conditioning, Heating, and Refrigeration Institute)
2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | w: www.ahrinet.org


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AISI (American Iron and Steel Institute)
25 Massachusetts Avenue, NW, Suite 800, Washington, DC  20001 | w: www.steel.org


ALI (Automotive Lift Institute)
PO Box 85, 3699 Luker Road, Cortland, NY  13045 | w: www.autolift.org


ALI (ASC A14) (American Ladder Institute)
1300 Sumner Avenue, Cleveland, OH  4115-2851 | w: www.americanladderinstitute.org

ALI (ASC A14) (American Ladder Institute)

1300 Sumner Avenue, Cleveland, OH  4115-2851 | w: www.americanladderinstitute.org


AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL  60004-1893 | w: www.amca.org

AMCA (Air Movement and Control Association)
30 West University Drive, Arlington Heights, IL  60004-1893 | w: www.amca.org


AMCi (AMC Institute)
107 South West Street, Suite 481, Alexandria, VA  22314 | w: www.amcinstitute.org


AmericanHort (AmericanHort)
525 9th Street NW, Suite 800, Washington, DC  21087 | w: http://www.americanhort.org


AMPP (Association for Materials Protection and Performance)
15835 Park Ten Place, Houston, TX  77084 | w: www.ampp.org


Approved American National Standards


ANS (American Nuclear Society)

520 Thatcher Road, Suite 142, Downers Grove, IL  60515 | w: www.ans.org


ANSI/ANS 19.10-2009 (R2021), Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals


ANSI/ANS 19.3.4-2022, The Determination of Thermal Energy Deposition Rates in Nuclear Reactors (revision of ANSI/ANS 19.3.4-2002 (R2017)) PINS: Sep 1, 2017 | Public Review: Apr 22, 2022 | Final Action: Jul 12, 2022 Approved


ANSI/ANS 3.2-2012 (R2022), Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (reaffirmation of ANSI/ANS 3.2-2012 (R2017)) Public Review: Mar 25, 2022 | Final Action: May 26, 2022 Approved


ANSI/ANS 3.4-2013 (R2023), Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants (reaffirmation of ANSI/ANS 3.4-2013 (R2018)) Public Review: Jun 2, 2023 | Final Action: Jul 19, 2023 Approved


ANSI/ANS 41.5-2012 (R2023), Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation (reaffirmation of ANSI/ANS 41.5-2012 (R2018)) Public Review: Jul 7, 2023 | Final Action: Sep 7, 2023 Approved


Approved American National Standards

ANS (American Nuclear Society)
5200 Thatcher Road, Suite 142, Downers Grove, IL 60515 | w: www.ans.org


APA  (APA - The Engineered Wood Association)


APCO (Association of Public-Safety Communications Officials-International)


ANSI/APCO 1.120.1-2021, Crisis Intervention Techniques and Call Handling Procedures for Public Safety Telecommunicators (new standard) PINS: Sep 15, 2017 | Public Review: Jun 18, 2021 | Final Action: Aug 31, 2021 Approved

ANSI/APCO 1.122.1-2023, Career Progression within the Public Safety Emergency Communications Center (new standard) PINS: Aug 7, 2020 | Public Review: Mar 17, 2023 | Final Action: May 22, 2023 Approved


API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | w: www.api.org


ANSI/API MPMS Ch. 14.3.3-2012 (R2021), Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids - Concentric, Square-edged Orifice Meters Part 3 - Natural Gas Applications (reaffirmation of ANSI/API MPMS Ch. 14.3.3-2012) Public Review: Feb 19, 2021 | Final Action: Jun 3, 2021 Approved


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ANSI CGATS.4-2021, Graphic technology — Graphic arts reflection densitometry measurements —Terminology, equations, image elements and procedures (revision of ANSI/CGATS.4-2011 (R2016)) Public Review: Sep 17, 2021 | Final Action: Feb 28, 2022 Approved


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: Jan 19, 2018 | Public Review: Apr 13, 2018 | Final Action: Jun 22, 2018 Approved


Approved American National Standards

ARESCA (American Renewable Energy Standards and Certification Association)
256 Farrell Farm Road, Norwich, VT 05055 | w: www.aresca.us


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ARESCA (American Renewable Energy Standards and Certification Association)
256 Farrell Farm Road, Norwich, VT 05055 | w: www.aresca.us


Provided by American National Standards Institute   www.ansi.org   Monday, December 18, 2023
ANSI/ASA S1.15, Part 1-2021/IEC 61094-1-2000,
Electroacoustics - Measurement microphones - Part 1:
Specifications for laboratory standard microphones
(identical national adoption of IEC 61094-1:2000) PINS:
Jan 1, 2021 | Public Review: Apr 9, 2021 | Final Action: Jun 8, 2021 Approved

ANSI/ASA S1.15, Part 3-2021/IEC 61094-3-2016,
Electroacoustics - Measurement microphones - Part 3:
Primary method for free-field calibration of laboratory
standard microphones by the reciprocity technique
(identical national adoption of IEC 61094-3:2016) PINS:
Jan 1, 2021 | Public Review: Apr 16, 2021 | Final Action: Jul 12, 2021 Approved

ANSI/ASA S1.15, Part 6-2021/IEC 61094-6-2004,
Electroacoustics - Measurement microphones - Part 6:
Electrostatic actuators for determination of frequency
response (identical national adoption of IEC 61094

ANSI/ASA S1.15, Part 8-2021/IEC 61094-8-2012,
Electroacoustics - Measurement microphones - Part 8:
Methods for determining the free-field sensitivity of working
standard microphones by comparison (identical national

ANSI/ASA S1.17-2014/Part 1 (R2023), Microphone
Windscreens - Part 1: Test Procedures for Measurements of
Insertion Loss in Still Air (reaffirmation of ANSI/ASA S1.17

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

ANSI/ASA S1.25-1991 (R2020), Specification for Personal
Noise Dosimeters (reaffirmation of ANSI/ASA S1.25-1991

ANSI/ASA S1.4-2014/Part 1/IEC 61672-1-2013 (R2019),
Electroacoustics - Sound Level Meters - Part 1:
Specifications (a nationally adopted international standard)
(reaffirm a national adoption ANSI/ASA S1.4-2014/Part

ANSI/ASA S1.15, Part 2-2021/IEC 61094-2-2009,
Electroacoustics - Measurement microphones - Part 2:
Primary method for pressure calibration of laboratory
standard microphones by the reciprocity technique
(identical national adoption of IEC 61094:2:2009 and
revision of ANSI/ASA S1.15-2005/Part 2 (R2020)) PINS:
Jan 1, 2021 | Public Review: Apr 9, 2021 | Final Action: Jun 8, 2021 Approved

ANSI/ASA S1.15, Part 4-2021/IEC 61094-4-1995,
Electroacoustics - Measurement microphones - Part 4:

ANSI/ASA S1.15, Part 7-2021/IEC TS 61094-7-2006,
Electroacoustics - Measurement microphones - Part 7:
Values for the difference between free field and pressure
sensitivity levels of laboratory standard microphones
(identical national adoption of IEC TS 61094-7:2006) PINS:
Jan 1, 2021 | Public Review: Apr 16, 2021 | Final Action: Jul 12, 2021 Approved

ANSI/ASA S1.16-2000 (R2020), Method for Measuring the
Performance of Noise Discriminating and Noise Canceling
Microphones (reaffirmation of ANSI/ASA S1.16-2000

ANSI/ASA S1.18-2018 (R2023), Method for Determining the
Acoustic Impedance of Ground Surfaces (reaffirmation of
ANSI/ASA S1.18-2018) Public Review: Jan 20, 2023 | Final Action: Mar 9, 2023 Approved

ANSI/ASA S1.22-2021/IEC 60263-2020, Scales and sizes for
plotting frequency characteristics and polar diagrams
(identical national adoption of IEC 60263:2020) PINS: Dec
4, 2020 | Public Review: Jan 8, 2021 | Final Action: Mar 8, 2021 Approved

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

ANSI/ASA S1.4-2014/Part 2/Amd.1-2019/IEC 61672-2
(identical national adoption of IEC 61672
Jun 14, 2019 | Final Action: Aug 13, 2019 Approved
Approved American National Standards

ASA (ASC S1) (Acoustical Society of America)
1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: 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) Public Review: Mar 20, 2020 | Final Action: May 28, 2020 Approved


ASA (ASC S12) (Acoustical Society of America)
1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: www.acousticalsociety.org


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ASA (ASC S3) (Acoustical Society of America)
1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: www.acousticalsociety.org


Approved American National Standards


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ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI 49085 | w: https://www.asabe.org/


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ANSI/ASAE S78.1-2012 (R2022), Roll-Over Protective Structures (ROPS) for Compact Utility Tractors (reaffirmation of ANSI/ASAE S78.1-2012 (R2016)) Public Review: Nov 19, 2021 | Final Action: Jan 6, 2022 Approved


Approved American National Standards

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI  49085 | w: https://www.asabe.org/


ASB (ASC Z50) (American Society of Baking)
243 Reade Drive, Cogan Station, PA  17728 | w: www.asbe.org


ASC X9 (Accredited Standards Committee X9, Incorporated)
275 West Street, Suite 107, Annapolis, MD  21401 | w: www.x9.org

- ANSI X9.100-170-2010 (S2022), Check Fraud Deterrent Icon (stabilized maintenance of ANSI X9.100-170-2010 (R2017)) Public Review: Jul 29, 2022 | Final Action: Sep 22, 2022 Approved

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ASC X9 (Accredited Standards Committee X9, Incorporated)
275 West Street, Suite 107, Annapolis, MD 21401  | w: www.x9.org


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ASC X9 (Accredited Standards Committee X9, Incorporated)
275 West Street, Suite 107, Annapolis, MD 21401 | w: www.x9.org


ASC A (Accredited Snow Contractors Association)

DJE Media, Inc., 389 Creekside Drive, Avon Lake, OH  44012 | w: www.ascaonline.org
ANSI/ASCE/CI 67-2017, SCHEDULE DELAY ANALYSIS


ANSI/ASCE/EWRI 46 Standard Guidelines for the Installation of Urban Stormwater Systems


Approved American National Standards

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org


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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org


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Approved
Review: Feb 26, 2016 | Final Action: Jan 27, 2006 Approved
Review: Mar 1, 2016 Approved
Review: Sep 2, 2016 | Final Action: Dec 30, 2016 Approved
Review: Sep 5, 2014 | Final Action: Jan 29, 2015 Approved


ANSI/ASHRAE Addendum 135.1h-2011, Method of Test for
ANSI/ASHRAE Addendum 135.1f-2011, Method of Test for
ANSI/ASHRAE Addendum 135.1d-2010, Method of Test for
ANSI/ASHRAE Addendum 105a-2011, Standard Methods of
ANSI/ASHRAE 90.4b-2018, Energy Standard for Data Centers
Public Review: Jul 30, 1999 | Final Action: Dec 14, 2001 Approved
Approved American National Standards

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org


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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org

  (addenda to ANSI/ASHRAE Standard 62.2-2019)
  Public Review: Mar 19, 2021 | Final Action: Apr 30, 2021 Approved

  (addenda to ANSI/ASHRAE Standard 62.2-2010)
  Public Review: Sep 16, 2011 | Final Action: Jan 26, 2012 Approved

  (addenda to ANSI/ASHRAE Standard 62.2-2019)
  Public Review: Jun 4, 2021 | Final Action: Jul 30, 2021 Approved

- ANSI/ASHRAE Addendum 62.2g-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2013)

  (addenda to ANSI/ASHRAE Standard 62.2-2010)

  (addenda to ANSI/ASHRAE Standard 62.2-2016)
  Public Review: Sep 8, 2017 | Final Action: Feb 21, 2018 Approved

- ANSI/ASHRAE Addendum 62.2i-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2022)

- ANSI/ASHRAE Addendum 62.2j-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2022)
  Public Review: Mar 24, 2023 | Final Action: Apr 28, 2023 Approved

- ANSI/ASHRAE Addendum 62.2j-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2013)

- ANSI/ASHRAE Addendum 62.2g-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2010)

- ANSI/ASHRAE Addendum 62.2g-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2019)
  Public Review: Jul 18, 2021 | Final Action: Jul 30, 2021 Approved

  (addenda to ANSI/ASHRAE Standard 62.2-2013)

- ANSI/ASHRAE Addendum 62.2h-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2019)
  Public Review: Mar 4, 2022 | Final Action: Apr 29, 2022 Approved

- ANSI/ASHRAE Addendum 62.2i-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2019)
  Public Review: Mar 4, 2022 | Final Action: Nov 8, 2022 Approved

- ANSI/ASHRAE Addendum 62.2j-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2010)

- ANSI/ASHRAE Addendum 62.2j-2018, Ventilation and Acceptable Indoor Air Quality in Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2016)
  Public Review: Sep 8, 2017 | Final Action: Feb 21, 2018 Approved

- ANSI/ASHRAE Addendum 62.2k-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings
  (addenda to ANSI/ASHRAE Standard 62.2-2010)
Approved American National Standards

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org

  - Public Review: Jul 15, 2022 | Final Action: Jul 25, 2023 *Approved*

  - Public Review: Apr 8, 2022 | Final Action: Nov 8, 2022 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Jan 26, 2012 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Jan 28, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Jan 28, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*

  - Public Review: Sep 11, 2009 | Final Action: Feb 24, 2010 *Approved*


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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org


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ANSI/ASHRAE Standard 180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org

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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
180 Technology Parkway, Peachtree Corners, GA  30092 | w: www.ashrae.org
ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org

  Public Review: Mar 24, 2023 | Final Action: May 31, 2023 Approved

  Public Review: Apr 14, 2023 | Final Action: May 31, 2023 Approved

  Public Review: Apr 14, 2023 | Final Action: May 31, 2023 Approved

  Public Review: May 5, 2023 | Final Action: Aug 30, 2023 Approved

  Public Review: May 19, 2023 | Final Action: May 31, 2023 Approved

  Public Review: Jul 14, 2023 | Final Action: Oct 26, 2023 Approved

  Public Review: Feb 26, 2021 | Final Action: Apr 30, 2021 Approved

  Public Review: Apr 2, 2021 | Final Action: Jun 30, 2021 Approved

  Public Review: Apr 2, 2021 | Final Action: Jun 30, 2021 Approved

  Public Review: Dec 31, 2021 | Final Action: Jul 29, 2022 Approved
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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
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  - Public Review: Jun 29, 2018 | Final Action: Jul 24, 2019
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  - Public Review: Jun 29, 2018 | Final Action: Jul 24, 2019
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  - Public Review: Jun 29, 2018 | Final Action: Oct 1, 2018
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  - Approved

  - Public Review: Nov 16, 2018 | Final Action: Jul 24, 2019
  - Approved

  - Approved

  - Public Review: Feb 8, 2019 | Final Action: Jul 24, 2019
  - Approved

  - Public Review: Feb 8, 2019 | Final Action: Jun 30, 2020
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  - Public Review: Nov 16, 2018 | Final Action: Jul 24, 2019
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  - Public Review: Feb 8, 2019 | Final Action: Aug 19, 2019
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  - Public Review: Nov 16, 2018 | Final Action: Jun 27, 2019
  - Approved

  - Public Review: Feb 8, 2019 | Final Action: Aug 19, 2019
  - Approved
(appenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)
Public Review: Feb 8, 2019 | Final Action: Jun 27, 2019 Approved

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(appenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)
Public Review: Nov 16, 2018 | Final Action: Jul 1, 2019 Approved

Public Review: Apr 24, 2020 | Final Action: Jun 30, 2020 Approved


Public Review: Feb 8, 2019 | Final Action: Jun 27, 2019 Approved

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Public Review: Feb 8, 2019 | Final Action: Jun 27, 2019 Approved


Public Review: Feb 8, 2019 | Final Action: Jun 27, 2019 Approved


Public Review: Jul 31, 2020 | Final Action: Feb 26, 2021 Approved

Public Review: Jun 10, 2011 | Final Action: Jan 26, 2012 Approved

Public Review: Oct 14, 2016 | Final Action: Jan 25, 2018 Approved

Public Review: Dec 23, 2022 | Final Action: May 16, 2023 Approved


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ASME A112.1.2-2012 (R2022), Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water-Connected Receptors) (reaffirmation of ANSI/ASME A112.1.2-2012 (R2017)) Public Review: Mar 11, 2022 | Final Action: May 17, 2022 Approved


ASME A112.4.2/CSA B45.16-2021, Personal Hygiene Devices for Water Closets (revision of ANSI/ASME A112.4.2/CSA B45.16-2015 (R2020)) Public Review: Feb 26, 2021 | Final Action: Jun 17, 2021 Approved


ASME A112.6.7-2010 (R2019), Sanitary Floor Sinks (reaffirmation of ANSI/ASME A112.6.7-2010 (R2015)) Public Review: Sep 20, 2019 | Final Action: Dec 2, 2019 Approved


ASME A112.3.4-2013/CSA B45.9-2018 (R2023), Macerating Toilet Systems and Related Components (reaffirmation of ANSI/ASME A112.3.4-2013/CSA B45.9-2018) Public Review: Dec 16, 2022 | Final Action: Feb 24, 2023


ASME A112.6.7/CSA B79.7-2022, Sanitary Floor Sinks (revision and redesignation of ANSI/ASME A112.6.7-2010 (R2019)) Public Review: Mar 11, 2022 | Final Action: May 17, 2022 Approved


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- ASME B16.4-2021, Gray Iron Threaded Fittings Classes 125 and 250 (revision of ANSI/ASME B16.4-2016) Public Review: Sep 17, 2021 | Final Action: Nov 12, 2021 Approved


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2 Park Avenue, New York, NY 10016-5990 | w: www.asme.org

- ASME B16.52-2018, Forged Nonferrous Fittings, Socket-Welding and Threaded
  (Titanium, Titanium Alloys, Aluminum, and Aluminum Alloys)
- ASME B18.16.4-2008 (R2017), Serrated Hex Flange Locknuts 90,000 PSI (Inch Series) (reaffirmation of ANSI/ASME B18.16.4-2008 (R2013)) Public Review: Jul 21, 2017 | Final Action: Oct 5, 2017 Approved
ASME B18.2.6M-2005 (R2017), Metric Fasteners for Use In Structural Applications (reaffirmation of ANSI/ASME B18.2.6M-2012) Public Review: Oct 8, 2021 | Final Action: Jan 4, 2022 Approved

ASME B18.2.9-2010 (R2021), Straightness Gage and Gaging for Bolts and Screws (reaffirmation of ANSI/ASME B18.2.9-2010 (R2017)) Public Review: Oct 8, 2021 | Final Action: Dec 14, 2021 Approved


ASME B18.5-2012 (R2023), Round Head Bolts (Inch Series) (reaffirmation of ANSI/ASME B18.5-2012 (R2017)) Public Review: Nov 18, 2022 | Final Action: Jan 30, 2023 Approved


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- ASME B27.6-1972 (S2021), General Purpose Uniform Cross Section Spiral Retaining Rings (stabilized maintenance of ANSI/ASME B27.6-1972 (R2017)) Public Review: Oct 8, 2021 | Final Action: Jan 4, 2022 Approved


- ASME B29.21-2013 (R2023), 700 Class Welded Steel and Cast Chains, Attachments and Sprockets for Water and Sewage Treatment Plants (reaffirmation of ANSI/ASME B29.21-2013 (R2018)) Public Review: Feb 24, 2023 | Final Action: May 1, 2023 Approved

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- ASME B31.26-2015 (R2020), Rigging Hardware

- ASME B31.3-2018, Power Piping


- ASME B31.29-2018 (R2023), Self-Erecting Tower Cranes


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ASME B31J-2023, Stress Intensification Factors (i-Factors), Flexibility Factors (k-Factors), and Their Determination for Metallic Piping Components (revision of ANSI/ASME B31J-2017) Public Review: Jun 24, 2022 | Final Action: Jul 17, 2023 Approved


The data in this document is reported as of Monday, December 18, 2023
ASME B89.1.17-2001 (R2017), Measurement of Thread
ASME B89.1.13-2013 (R2022), Micrometers
ASME B73.3-2022, Specification for Sealless Horizontal End
ASME B73.1-2020, Specification for Horizontal End Suction
Metallic Centrifugal Pumps for Chemical Process
ASME B5.8-2001 (S2022), Chucks and Chuck Jaws
ASME B94.1.6-2002 (R2022), Measurement of Plain Internal Diameters for Use as Master Rings or Ring Gages (reaffirmation of ANSI/ASME B94.1.6-2002 (R2017))
Public Review: Jun 24, 2022 | Final Action: Sep 1, 2022 Approved

ASME B94.1.8-2011 (R2021), Performance Evaluation of Displacement-Measuring Laser Interferometers (reaffirmation of ANSI/ASME B94.1.8-2011 (R2016))

ASME B94.3-2010 (R2019), Axes of Rotation: Methods for Specifying and Testing (reaffirmation of ANSI/ASME B94.3-2010 (R2015))
Public Review: May 31, 2019 | Final Action: Aug 1, 2019 Approved

Public Review: Nov 30, 2018 | Final Action: Mar 8, 2019 Approved

ASME B94.6-1973 (R2017), Temperature and Humidity Environment for Dimensional Measurement (reaffirmation of ANSI/ASME B94.6-1973 (R2012))

ASME B94.7.3.1-2001 (R2019), Guidelines For Decision Rules: Considering Measurement Uncertainty in Determining Conformance to Specifications (reaffirmation of ANSI/ASME B94.7.3.1-2001 (R2011))
Public Review: May 31, 2019 | Final Action: Aug 1, 2019 Approved


ASME B94.2-1995 (R2020), Reamers (reaffirmation of ANSI/ASME B94.2-1995 (R2015))
Public Review: Mar 13, 2020 | Final Action: Jun 18, 2020 Approved

Public Review: Feb 5, 2016 | Final Action: Jun 29, 2016 Approved


ASME B94.1.7-2009 (R2019), Performance Standard For Steel Measuring Tapes (reaffirmation of ANSI/ASME B94.1.7-2009 (R2014))

ASME B94.3-2013 (R2023), Granite Surface Plates (reaffirmation of ANSI/ASME B94.3-2013 (R2015))
Public Review: Dec 23, 2022 | Final Action: Feb 24, 2023 Approved

Public Review: Jul 9, 2021 | Final Action: Sep 13, 2021 Approved


ASME B94.7.2-2014 (R2019), Dimensional Measurement Planning (reaffirmation of ANSI/ASME B94.7.2-2014)
Public Review: May 31, 2019 | Final Action: Aug 1, 2019 Approved

ASME B94.7.3.3-2002 (R2022), Guidelines for Assessing the Reliability of Dimensional Measurement Uncertainty Statements (reaffirmation of ANSI/ASME B94.7.3.3-2002 (R2017))
Public Review: May 13, 2022 | Final Action: Jul 29, 2022 Approved

Public Review: Mar 22, 2019 | Final Action: May 23, 2019 Approved

ASME B94.33-1996 (S2016), Jig Bushings (stabilized maintenance of ANSI/ASME B94.33-1996 (R2015))
Public Review: Jan 8, 2016 | Final Action: May 18, 2016 Approved

ASME B94.35-1972 (R2020), Drill Drivers, Split-sleeve, Collet Type (reaffirmation of ANSI/ASME B94.35-1972 (R2015))
Public Review: Mar 13, 2020 | Final Action: Jun 18, 2020 Approved

ASME B94.51M-2010, Specifications for Band Saw Blades (Metal Cutting) (stabilized maintenance of ANSI/ASME B94.51M-2010 (R2015))
Public Review: Feb 5, 2016 | Final Action: May 18, 2016 Approved
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2 Park Avenue, New York, NY 10016-5990 | w: www.asme.org

- ASME B94.6-1984 (S2016), Knurling (stabilized maintenance of ANSI/ASME B94.6-1984 (R2014)) Public Review: Dec 18, 2015 | Final Action: May 18, 2016 Approved
- ASME B94.9-2008 (R2023), Taps: Ground Thread with Cut Thread Appendix (Inch and Metric Sizes) (reaffirmation of ANSI/ASME B94.9-2008 (R2018)) Public Review: Jun 9, 2023 | Final Action: Sep 25, 2023 Approved
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- ASME BPVC Section IX-2023, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX -2021) Public Review: Dec 16, 2022 | Final Action: Mar 17, 2023 Approved
- ASME BPVC Section VI-2023, Recommended Rules for the Care and Operation of Heating Boilers (revision of ANSI/ASME BPVC Section VI-2021) Public Review: Dec 23, 2022 | Final Action: Feb 17, 2023 Approved
- ASME BPVC Section VII-2023, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2021) Public Review: Dec 30, 2022 | Final Action: Feb 17, 2023 Approved
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ASPE (American Society of Plumbing Engineers)
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ASQ (American Society for Quality)
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ANSI/ASSP A10.32-2023, Personal Fall Protection Used in Construction and Demolition Operations (new standard)  

ANSI/ASSP A10.34-2021, Protection of the Public on or Adjacent to Construction Sites (revision and redesignation of ANSI/ASSE A10.34-2001 (R2012))  
PINS: Jun 1, 2018 | Public Review: Nov 20, 2020 | Final Action: Feb 1, 2021 Approved

ANSI/ASSP A10.38-2021, Basic Elements of an Employer’s Program to Provide a Safe and Healthful Work Environment on Construction and Demolition Sites (revision and redesignation of ANSI/ASSE A10.38-2013)  

Public Review: Jul 27, 2018 | Final Action: Sep 27, 2018 Approved


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: Jun 1, 2018 | Public Review: Jun 19, 2020 | Final Action: Oct 1, 2020 Approved


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)  


ANSI/ASSP A10.5-2020, Safety Requirements for Material Hoists (revision of ANSI/ASSP A10.5 2013)  

ANSI/ASSP A10.8-2019, Scaffolding Safety Requirements (revision and redesignation of ANSI ASSE A10.8-2011)  

ANSI ASSE Z359.15-2014, Safety Requirements for Single Anchor Vertical Lifelines & Fall Arrestors for Personal Fall Arrest Systems (new standard)  

ANSI ASSE Z359.6-2016, Specifications and Design Requirements for Active Fall Protection Systems (revision of ANSI ASSE Z359.6-2009)  

ANSI ASSE Z359.16-2016, Safety Requirements for Climbing Ladder Fall Arrest Systems (new standard)  

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)  


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ASTM E2334-2008 (R2023), 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 (R2018)) Public Review: Dec 9, 2022 | Final Action: Jan 24, 2023 Approved

ASTM E2404-2023, 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 E2404-2022) Public Review: Dec 16, 2022 | Final Action: Jan 21, 2023 Approved


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- ASTM E3197-2023, Terminology Relating to Examination of Fire Debris (revision of ANSI/ASTM E3197-2020) Public Review: Jan 6, 2023 | Final Action: Jun 1, 2023 Approved


ASTM E3254-2023, Practice for Use of Color in the Visual Examination and Forensic Comparison of Soil Samples (new standard) Public Review: May 6, 2022 | Final Action: May 1, 2023 Approved


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<td>ASTM E860-2022</td>
<td>Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation (new standard) PINS: Aug 6, 2021</td>
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ASTM F1603-2017 (R2023), Specification for Kettles, Steam-Jacketed, 32 oz to 20 gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated (reaffirmation of ANSI/ASTM F1603-2017) Public Review: Dec 9, 2022 | Final Action: Jan 24, 2023 Approved


ASTM F1602-2012 (R2023), 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 (R2017)) Public Review: Dec 9, 2022 | Final Action: Jan 24, 2023 Approved


ASTM F1807-2023, 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 (revision of ANSI/ASTM F1807-2019B) Public Review: Jan 6, 2023 | Final Action: Feb 21, 2023 Approved
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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | w: www.astm.org

- ASTM F1808-2003 (R2020), Guide for Weight Control


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100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | w: www.astm.org

- ASTM F2145-2023, Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing (revision of ANSI/ASTM F2145-2013 (R2018)) Public Review: Jan 6, 2023 | Final Action: Feb 21, 2023 Approved


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ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM F2817-2013 (R2023), Specification for Poly(Vinyl Chloride) (PVC) Gas Pressure Pipe and Fittings For Maintenance or Repair (reaffirmation of ANSI/ASTM F2817-2013 (R2019)) Public Review: Jun 2, 2023 | Final Action: Jul 18, 2023 Approved


ASTM F2834-2010 (R2023), Specification for Induction Cooktops, Counter Top, Drop-in Mounted, or Floor Standing (reaffirmation of ANSI/ASTM F2834-2010 (R2017)) Public Review: Dec 9, 2022 | Final Action: Jan 24, 2023


ASTM F3124-2023a, Practice for Data Recording the Procedure used to Produce Heat Butt Fusion Joints in Plastic Piping Systems or Fittings (revision of ANSI/ASTM F3124-2023) Public Review: Oct 6, 2023 | Final Action: Nov 21, 2023 Approved


ASTM (ASTM International)

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ATCC (American Type Culture Collection)
217 Perry Parkway, Suite 1, Gaithersburg, MD 20877 | w: www.atcc.org


ATIS (Alliance for Telecommunications Industry Solutions)
1200 G Street NW, Suite 500, Washington, DC 20005 | w: www.atis.org


- ANSI ATIS 0300216-2013 (S2023), ISDN Management - Basic Rate Physical Layer (stabilized maintenance of ANSI ATIS 0300216-2013 (R2018)) Public Review: Mar 17, 2023 | Final Action: May 11, 2023 Approved

- ANSI ATIS 0300217-2013 (S2023), ISDN Management - Primary Rate Physical Layer (stabilized maintenance of ANSI ATIS 0300217-2013 (R2018)) Public Review: Mar 17, 2023 | Final Action: May 11, 2023 Approved

- ANSI ATIS 0300208-2013 (S2023), OAM&P - Upper Layer Protocols for Telecommunications Management Network (TMN) Interfaces, 03 and X Interfaces (stabilized maintenance of ANSI ATIS 0300208-2013 (R2018)) Public Review: Mar 17, 2023 | Final Action: May 11, 2023 Approved


Public Review: Dec 21, 2018 | Final Action: Mar 12, 2019 Approved


ANSI ATIS 0900101-2013 (S2023), Synchronization Interface Standard (stabilized maintenance of ANSI ATIS 0900101-2013 (R2018)) Public Review: Jun 9, 2023 | Final Action: Aug 7, 2023 Approved

ANSI ATIS 0900105.09-2013 (S2023), Synchronous Optical Network (SONET) - Network Element Timing and Synchronization (stabilized maintenance of ANSI ATIS 0900105.09-2013 (R2018)) Public Review: Jun 9, 2023 | Final Action: Aug 7, 2023 Approved


ANSI ATIS 0900105.03-2013 (S2023), Synchronous Optical Network (SONET) - Jitter at Network Interfaces (stabilized maintenance of ANSI ATIS 0900105.03-2013 (R2018)) Public Review: Jun 9, 2023 | Final Action: Aug 7, 2023 Approved


 ANSI ATIS 1000632-1993 (R2018), 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 1000645-1996 (S2018)) Public Review: Nov 24, 2017 | Final Action: Feb 27, 2018 Approved


 ANSI ATIS 1000643-1998 (S2018), Integrated Services Digital Network (ISDN) - Call Deflection Supplementary Service (reaffirmation of ANSI ATIS 1000642-2014) Public Review: Jun 21, 2019 | Final Action: Sep 9, 2019 Approved


 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)) Public Review: Nov 24, 2017 | Final Action: Feb 6, 2018 Approved


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ANSI/ATIS 0600427.01-2004 (S2015), ATM - Based Multi-Pair Bonding (stabilized maintenance of ANSI ATIS 0600427.01-2004 (R2014)) Public Review: Jan 16, 2015 | Final Action: Mar 5, 2015 Approved

ANSI/ATIS 0600427.03-2004 (S2015), Multi-Pair Bonding Using Time Division Inverse Multiplexing (stabilized maintenance of ANSI ATIS 0600427.03-2004 (R2014)) Public Review: Jan 16, 2015 | Final Action: Mar 5, 2015 Approved


ANSI/ATIS 1000012-2006 (S01x), Signaling System No. 7 (SS7) - SS7 Network and NNI Interconnection Security Requirements and Guidelines (stabilized maintenance of ANSI/ATIS 1000012-2006 (R2011)) Public Review: Mar 18, 2016 | Final Action: May 13, 2016 Approved


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) Public Review: Jun 21, 2019 | Final Action: Sep 9, 2019 Approved


AVIXA (Audiovisual and Integrated Experience Association)

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AWC (American Wood Council)

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AWI (Architectural Woodwork Institute)

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AWI (Architectural Woodwork Institute)

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AWS A5.31M/A5.31-2022, Specification for Fluxes for Brazing and Braze Welding (revision of ANSI/AWS A5.31M/A5.31-2012) PINS: Dec 14, 2018 | Public Review: Nov 5, 2021 | Final Action: Jan 7, 2022 Approved


AWS A5.5/A5.5M-2022, Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.5/A5.5M-2014) PINS: Feb 12, 2016 | Public Review: Jul 15, 2022 | Final Action: Sep 8, 2022 Approved


AWS A5.4/A5.4M-2012 (R2022), Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding (reaffirmation of ANSI/AWS A5.4/A5.4M-2012) Public Review: Jul 17, 2022 | Final Action: Sep 8, 2022 Approved


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 Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard) PINS: Dec 20, 2013 | Public Review: Jul 28, 2017 | Final Action: Apr 10, 2018 Approved


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: Dec 20, 2013 | Public Review: Jul 28, 2017 | Final Action: Apr 10, 2018 Approved


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) PINS: Mar 30, 2018 | Public Review: Aug 31, 2018 | Final Action: Mar 1, 2019 Approved


AWS B2.1-1-210-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] thick, INMs-1, and ER70S-2, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved


AWS B2.1-1-211-2023, 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, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] thick, INMs-1, ER70S-2, and E7018, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved
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: Aug 26, 2016 | Public Review: Apr 27, 2018 | Final Action: Jul 31, 2019 Approved


AWS B2.1-1-8-227-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/16 inch [1.5 mm] through 1-1/2 inch [38 mm] Thick, ER309(L), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-8-227-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved

AWS B2.1-1-8-228-2023, Standard Welding Procedure Specification (SWPS) for 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, E309(L)-15, -16, or -17, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-8-228-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved

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: Aug 26, 2016 | Public Review: Apr 27, 2018 | Final Action: Jul 31, 2019 Approved


AWS B2.1-1-8-228-2023, Standard Welding Procedure Specification (SWPS) for 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, E309(L)-15, -16, or -17, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-8-228-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved

AWS (American Welding Society)
8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | w: www.aws.org

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AWS B2.1-1/8-229-2023, 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 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER309(L) and E309(L)-15, -16, or -17, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1/8-229-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved


AWS B2.1-1/8-230-2023, 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 inch [1.5 mm] through 1-1/2 inch [38 mm] Thick, IN309 and ER309(L), As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1/8-230-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved


AWS B2.1-8-005-2002 (S2022), 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 (stabilized maintenance of ANSI/AWS B2.1-8-005-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Nov 12, 2021 | Final Action: Nov 14, 2022 Approved


AWS B2.1-8-024-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8, Group 1), 1/16 inch [1.5 mm] through 1-1/2 inch [38 mm] Thick, ER3XX, As-Welded Condition Primarily Plate and Structural Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved

AWS B2.1-8-212-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8, Group 1), 1/16 inch [1.5 mm] through 1-1/2 inch [38 mm] Thick, ER3XX, As-Welded Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved


AWS B2.1-8-216-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by 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, IN3XX, ER3XX, and E3XX-XX, As-Welded Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved

AWS B2.1-8-218-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, IN3XX and ER3XX, As-Welded Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved


AWS C2.1-8-215-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, IN3XX and ER3XX, As-Welded Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved


AWS C3.5M/C3.5-2016-AMD1, Specification for Induction Brazing (revision and redesignation of ANSI/AWS C3.5M/C3.5-2016) PINS: Jul 29, 2016 | Public Review: Oct 21, 2016 | Final Action: Jun 16, 2017 Approved


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AWWA (American Water Works Association)
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ANSI/AWWA C200-2023, Steel Water Pipe, 6 In. (150 mm) and Larger (revision of ANSI/AWWA C200-2017) PINS: Nov 16, 2018 | Public Review: Sep 1, 2023 | Final Action: Oct 24, 2023 Approved


ANSI/AWWA C218-2023, Liquid Coatings for Aboveground Steel Water Pipe and Fittings (revision of ANSI/AWWA C218-2016) PINS: Sep 1, 2017 | Public Review: Nov 25, 2022 | Final Action: Jan 26, 2023 Approved


ANSI/AWWA C302a-2023, Reinforced Concrete Pressure Pipe, Noncylinder Type (addenda to ANSI/AWWA C302-2022) PINS: Sep 9, 2022 | Public Review: Dec 16, 2022 | Final Action: Jan 27, 2023 Approved


ANSI/AWWA C300a-2023, Reinforced Concrete Pressure Pipe, Steel-Cylinder Type (addenda to ANSI/AWWA C300-2022) PINS: Sep 9, 2022 | Public Review: Dec 16, 2022 | Final Action: Jan 27, 2023 Approved


ANSI/AWWA C507-2023, Ball Valves, 4 In. Through 60 In. (100 mm Through 1,500 mm) (revision of ANSI/AWWA C507-2018) PINS: Jul 19, 2019 | Public Review: Sep 1, 2023 | Final Action: Nov 2, 2023 Approved


ANSI/AWWA C522-2022, Rotary Cone Valves, 6 In. Through 60 In. (150 mm – 1,500 mm) (new standard) PINS: Dec 1, 2017 | Public Review: Sep 23, 2022 | Final Action: Nov 28, 2022 Approved


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ANSI/AWWA C903-2021, 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 C903-2016) PINS: Sep 1, 2017 | Public Review: Jul 9, 2021 | Final Action: Aug 31, 2021 Approved

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ANSI/AWWA C906-2021, Polyethylene (PE) Pressure Pipe and Fittings, 4 in. Through 65 in. (100 mm Through 1,650 mm), for Waterworks (revision of ANSI/AWWA C906-2014) PINS: Sep 30, 2016 | Public Review: Apr 9, 2021 | Final Action: Jun 15, 2021 Approved

ANSI/AWWA C909-2022, Molecularly Oriented Polyvinyl Chloride (PVC) Pressure Pipe, 4 in. (100 mm) and Larger (revision of ANSI/AWWA C909-2015) PINS: Sep 1, 2017 | Public Review: Mar 18, 2022 | Final Action: May 5, 2022 Approved


B11 (B11 Standards, Inc.)

PO Box 690905, Houston, TX  77269-0905 | w: https://www.b11standards.org/


ANSI B11.16 (MPIF 47)-2003 (R2020), Safety Requirements for Powder / Metal Compacting Presses (reaffirmation and redesignation of ANSI B11.16-2014) Public Review: Jul 19, 2019 | Final Action: Jan 6, 2020 Approved


ANSI B11.6-2022, Safety Requirements for Manual Turning Machines (Lathes) with or without Automatic Control (revision of ANSI B11.6-2001 (R2020)) PINS: Feb 18, 2011 | Public Review: Jan 21, 2022 | Final Action: Mar 8, 2022 Approved


B11 (B11 Standards, Inc.)
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 BHCOE (Behavioral Health Center of Excellence)
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BHMA (Builders Hardware Manufacturers Association)
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- ANSI/BHMA A156.16-2023, Standard for Auxiliary Hardware (revision of ANSI/BHMA A156.16-2013 (R2018)) PINS: Jul 8, 2022 | Public Review: Feb 24, 2023 | Final Action: May 11, 2023 Approved

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BHMA (Builders Hardware Manufacturers Association)
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BICSI (Building Industry Consulting Service International)
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BIFMA (Business and Institutional Furniture Manufacturers Association)
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- ANSI/BIFMA X5.5-2021, Desk and Table Products (revision of ANSI/BIFMA X5.5-2014) PINS: Sep 7, 2018 | Public Review: Nov 27, 2020 | Final Action: Feb 8, 2021 Approved

BOMA (Building Owners and Managers Association)
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BPI (Building Performance Institute)
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CAGI (Compressed Air and Gas Institute)
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CAPA (Certified Automotive Parts Association)
c/o Intertek, 4700 Broadmoor SE, Suite 200, Kentwood, MI  49512 | w: www.CAPAcertified.org


CEMA (Conveyor Equipment Manufacturers Association)
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CGA (Compressed Gas Association)
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CPA (Composite Panel Association)
19465 Deerfield Avenue, Suite 306, Leesburg, VA 20176 | w: www.CompositePanel.org

- ANSI A135.4-2012 (R2020), Basic Hardboard (reaffirmation of ANSI A135.4-2012) PINS: Mar 9, 2018 | Public Review: Apr 26, 2019 | Final Action: Mar 13, 2020 Approved


CPLSO (CPLSO)
The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG

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ANSI Z21.5.2-2016 (R2021), Gas clothes dryers, Volume II, type 2, clothes dryers (same as ANSI Z21.5.2x (reaffirmation of ANSI Z21.5.2-2016) Public Review: May 14, 2021 | Final Action: Aug 5, 2021 Approved


ANSI Z83.18-2016 (R2021), Recirculating direct gas-fired heating and forced ventilation appliances for commercial and industrial applications, same as Z83.18 (reaffirmation of ANSI Z83.18-2016) Public Review: Mar 26, 2021 | Final Action: May 13, 2021 Approved

ANSI Z83.20-2016 (R2021), Gas-fired tubular and low-intensity infrared heaters, same as Z83.20-2016 (R202x, same as ANSI Z83.20-2016 (reaffirmation of ANSI Z83.20-2016) Public Review: Oct 29, 2021 | Final Action: Dec 14, 2021 Approved


ANSI Z83.8-2015 (R2021), Gas unit heaters, gas packaged heaters, gas utility heaters, and gas-fired duct furnaces, same as BSR Z83.8 (reaffirmation of ANSI Z83.8-2015) PINS: May 18, 2018 | Public Review: Oct 1, 2021 | Final Action: Nov 30, 2021 Approved


ANSI Z83.11-2016/CSA 1.8-2016 (R2021), Gas Food Service Equipment, same as CSA 1.8 (reaffirmation of ANSI Z83.11 -2016/CSA 1.8-2016) Public Review: Nov 27, 2020 | Final Action: Jan 14, 2021 Approved


ANSI Z83.4-2016 (R2022), Non-Recirculating Direct Gas-Fired Heating And Forced Ventilation Appliances For Commercial And Industrial Application, same as CSA 3.7-2016 (reaffirmation of ANSI Z83.4-2016) Public Review: Jan 14, 2022 | Final Action: Mar 3, 2022 Approved


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ANSI/CSA LC 4 (CSA America Standards Inc.) 178 Rexdale Boulevard, Toronto, Ontario M9W 1R3, Ontario M9W 1R3 | w: www.csagroup.org

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ANSI/CTA 1919 South Eads Street, Arlington, VA 22202 | w: www.cta.tech

CTA (Consumer Technology Association)

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ANSI/CTA 2045.2-A-2022, Modular Communications Interface for Generic Display Message Set (revision of ANSI/CTA 2045.2-2014) PINS: Jun 2, 2022 | Final Action: Jun 2, 2022 Approved


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DASMA (Door and Access Systems Manufacturers Association)
1300 Sumner Avenue, Cleveland, OH 44115


DirectTrust (DirectTrust.org, Inc.)
1629 K Street NW, Suite 300, Washington, DC 20006 | w: www.DirectTrust.org


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DMSC (Digital Metrology Standards Consortium, Inc.)

3245 Latta Road, No. 16595, Rochester, NY 14616 | w: www.dmis.org


DSI (Dental Standards Institute, Inc.)

109 Bushaway Road, Suite 100, Wayzata, MN 55391 | w: https://dentalstandardsinstitute.com/


EASA (Electrical Apparatus Service Association)

1331 Baur Road, St. Louis, MO 63132


ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | w: www.ecianow.org


ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | w: www.ecianow.org


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ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | w: www.ecianow.org


EIMA (EIFS Industry Members Association)
513 West Broad Street, Suite 210, Falls Church, VA 22046 | w: www.eima.com


EMAP (Emergency Management Accreditation Program)
201 Park Washington Court, Falls Church, VA 22046-4527 | w: www.emap.org


ANSI/EOS ESD S11.4-2022, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Static Control Bags (revision of ANSI/EOS S11.4-2013)
PINS: Jan 5, 2018 | Public Review: Dec 16, 2022 | Final Action: Feb 21, 2023 Approved

PINS: Feb 18, 2022 | Public Review: May 6, 2022 | Final Action: Jun 9, 2022 Approved


ESTA (Entertainment Services and Technology Association)


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ESTA (Entertainment Services and Technology Association)
271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | w: www.esta.org


- ANSI E1.25-2012 (R2023), 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 (R2017)) Public Review: Jul 8, 2022 | Final Action: Mar 3, 2023 Approved


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<td>ANSI E1.57-2016 (R2021)</td>
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ANSI E1.9-2007 (R2023), Reporting Photometric Performance Data for Luminaires Used in Entertainment (reaffirmation of ANSI E1.9-2007 (R2017)) Public Review: Jul 8, 2022 | Final Action: Mar 9, 2023 Approved


Approved American National Standards

ESTA (Entertainment Services and Technology Association)
271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | w: www.estaa.org

- ANSI/E1.72-2023, Powered Floor Machinery (new standard) PINS: May 1, 2020 | Public Review: Jun 16, 2023 | Final Action: Sep 18, 2023 Approved

FCI (Fluid Controls Institute)
1300 Summer Avenue, Cleveland, OH 44115 | w: www.fluidcontrolsinsitute.org

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FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | w: www.fluidcontrolsinstitute.org


FM (FM Approvals)

One Technology Way, Norwood, MA 02062 | w: www.fmapprovals.com


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FM (FM Approvals)
One Technology Way, Norwood, MA  02062 | w: www.fmapprovals.com


GBI (Green Building Initiative)
7805 S.W. 40th  #80010, Portland, OR  97280 | w: www.thegbi.org


GISC (ASC Z97) (Glazing Industry Secretariat Committee)
730 Worcester Street, Springfield, MA  01151 | w: www.ansiz97.com


GTESS (Georgia Institute of Technology Energy & Sustainability Services)
75 Fifth Street N.W, Suite 3001, Atlanta, GA  30332-0640 | w: www.innovate.gatech.edu


HFES (Human Factors & Ergonomics Society)
2001 K Street NW, 3rd Floor N., Washington, DC  20006 | w: www.hfes.org


ANSI/HI 5.1-5.6-2016 (R2021), Sealless Rotodynamic Pumps for Nomenclature, Definitions, Design, Application, Operation, and Test (reaffirmation of ANSI/HI 5.1-5.6-2016) PINS: May 24, 2019 | Public Review: Apr 9, 2021 | Final Action: Jul 16, 2021 Approved


HI (Hydraulic Institute)
6 Campus Drive, Suite 104, Parsippany, NJ  07054-4406 | w: www.pumps.org


HIBCC (Health Industry Business Communications Council)
2525 E. Arizona Biltmore Circle Ste. 127, Phoenix, AZ  85016 | w: www.hibcc.org


HL7 (Health Level Seven)
455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI  48108 | w: www.hl7.org


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HL7 (Health Level Seven)
455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI  48108 | w: www.hl7.org


Home Innovation (Home Innovation Research Labs)
400 Prince George's Boulevard, Upper Marlboro, MD  20774 | w: www.HomeInnovation.com


HPS (ASC N13) (Health Physics Society)
950 Herndon Parkway, Suite 450, Herndon, VA  20170 | w: www.hps.org


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HPS (ASC N43) (Health Physics Society)
950 Herndon Parkway, Suite 450, Herndon, VA 20170 | w: www.hps.org


- ANSI N43.4-2021, Classification of Radioactive Self-Luminous Light Sources (revision of ANSI N43.4-2013) PINS: Oct 16, 2020 | Public Review: Nov 27, 2020 | Final Action: Jan 21, 2021 Approved


HPVA (Hardwood Plywood Veneer Association)
42777 Trade West Drive, Sterling, VA 20166 | w: www.DecorativeHardwoods.org


HSI (Healthcare Standards Institute)
10231 Kotzebue Street, San Antonio, TX 78217 | w: www.hsi.health/


IACET (International Association for Continuing Education and Training)
2201 Cooperative Way, Suite 600, Herndon, VA 20171 | w: www.iacet.org


IAPMO (International Association of Plumbing & Mechanical Officials)
4755 East Philadelphia Street, Ontario, CA 91761-2816 | w: www.iapmo.org


IAPMO (International Association of Plumbing & Mechanical Officials)
4755 East Philadelphia Street, Ontario, CA 91761 | w: www.iapmo.org

> ANSI/IAPMO USHGC 1-2024, Uniform Solar, Hydronics & Geothermal Code (revision of ANSI/IAPMO USHGC 1-2021)

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)
4755 E. Philadelphia Street, Ontario, CA 91761 | w: www.asse-plumbing.org


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IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)
4755 E. Philadelphia Street, Ontario, CA 91761 | w: www.asse-plumbing.org


- ANSI/ASSE 1032-2023, Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type, and Non-Carbonated Beverage Dispsers (revision of ANSI/ASSE 1032-2011 (R2021)) PINS: Nov 12, 2021 | Public Review: Jun 30, 2023 | Final Action: Aug 17, 2023 Approved


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IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)
4755 E. Philadelphia Street, Ontario, CA  91761 | w: www.asse-plumbing.org


IAPMO (WES) (International Association of Plumbing & Mechanical Officials)
4755 East Philadelphia Street, Ontario, CA  91761 | w: http://www.iapmo.org


IAPMO (Z) (International Association of Plumbing & Mechanical Officials)
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ICC (International Code Council)
4051 Flossmoor Road, Country Club Hills, IL  60478 | w: www.iccsafe.org


ICE (ASC A117) (International Code Council)
4051 Flossmoor Road, Country Club Hills, IL  60478 | w: www.iccsafe.org


ICE (Institute for Credentialing Excellence)
2001 K St. NW, Suite 300, Washington, DC  20006 | w: www.credentialingexcellence.org


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IEEE (Institute of Electrical and Electronics Engineers)
445 Hoes Lane, Piscataway, NJ 08854-4141 | w: www.ieee.org


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445 Hoes Lane, Piscataway, NJ 08854-4141 | w: www.ieee.org


- IEEE 2404-2016, Standard for Power Plant De-Nitrogen Oxide (DeNox) Plate-Type Catalyst (new standard) PINS: Jan 17, 2014 | Public Review: Dec 2, 2016 | Final Action: Sep 1, 2017 Approved


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IEEE (Institute of Electrical and Electronics Engineers)


IEEE 802.15.4-2015, Standard for Low-Rate Wireless Personal Area Networks (WPANs) (revision of ANSI/IEEE 802.15.4-2011) PINS: Nov 8, 2013 | Public Review: May 27, 2016 | Final Action: May 22, 2017 Approved
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: Jan 21, 2011 | Public Review: Jul 12, 2013 | Final Action: Oct 7, 2014 Approved


IEEE 802.15.4u-2016, Standard for Low-Rate Wireless Networks--Amendment 3: Use of the 865 MHz to 867 MHz Band in India (new standard) Public Review: Mar 24, 2017 | Final Action: Feb 27, 2018 Approved


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IEEE (Institute of Electrical and Electronics Engineers)
445 Hoes Lane, Piscataway, NJ 08854-4141 | w: www.ieee.org


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445 Hoes Lane, Piscataway, NJ 08854-4141  v: www.ieee.org


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445 Hoes Lane, Piscataway, NJ  08854-4141 | w: www.ieee.org


IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)
445 Hoes Lane, Piscataway, NJ  08855-1331 | w: www.ieee.org


IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)
NIST, 100 Bureau Drive M/S 8462, Gaithersburg, MD  20899-8462 | w: http://standards.ieee.org


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IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)
NIST, 100 Bureau Drive MS 8462, Gaithersburg, MD 20899-8462 | w: http://standards.ieee.org


IES (Illuminating Engineering Society)


- ANSI N42.49A (R2022), Standard for Performance Criteria for Alarming Electronic Personal Emergency Radiation Detectors (PERDs) for Exposure Control (reaffirmation and redesignation of ANSI/N42.49a-2011) PINS: Jan 1, 2021 | Public Review: Mar 18, 2022 | Final Action: May 6, 2022 Approved


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IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | w: www.ies.org


IES (Illuminating Engineering Society)
120 Wall Street, Floor 17, New York, NY 10005-4001 | www.ies.org


IEST (Institute of Environmental Sciences and Technology)
1827 Walden Office Square, Suite 400, Schaumburg, IL 60173 | www.iest.org

  Public Review: Sep 18, 2015 | Final Action: Dec 22, 2015 Approved

  Public Review: Apr 26, 2019 | Final Action: Jun 21, 2019 Approved

  Public Review: Sep 18, 2015 | Final Action: Dec 22, 2015 Approved

IIAR (International Institute of Ammonia Refrigeration)
1001 N. Fairfax Street, Suite 503, Alexandria, VA 22314-1797 | www.iiar.org

- ANSI/IIAR 1-2022, Definitions and Terminology Used in IIAR Standards (revision of ANSI/IIAR 1-2017) PINS: Jan 8, 2021
  Public Review: Sep 2, 2022 | Final Action: Oct 31, 2022 Approved

  Public Review: Feb 8, 2019 | Final Action: Jun 5, 2019 Approved
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IIAR (International Institute of Ammonia Refrigeration)
1001 N. Fairfax Street, Suite 503, Alexandria, VA  22314-1797 | w: www.iiar.org


IICRC (The Institute of Inspection, Cleaning and Restoration Certification)
4043 South Eastern Avenue, Las Vegas, NV  89119 | w: https://www.iicrc.org


IKECA (International Kitchen Exhaust Cleaning Association)
2331 Rock Spring Road, Forest Hill, MD  21050 | w: www.ikeca.org

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IKECA (International Kitchen Exhaust Cleaning Association)
2331 Rock Spring Road, Forest Hill, MD  21050 | w: www.ikeca.org


INMM (ASC N14) (Institute of Nuclear Materials Management)
11809 Yarnell Rd, Knoxville, TN  37932 | w: www.inmm.org


INMM (ASC N15) (Institute of Nuclear Materials Management)


IPC (IPC - Association Connecting Electronics Industries)
3000 Lakeside Drive, Suite 105 N, Bannockburn, IL  60015 | w: www.ipc.org


IREC (Interstate Renewable Energy Council, Inc.)
125 Wolf Road, Suite 207, Albany, NY  12205 | w: www.irecusa.org

IS&T (The Society for Imaging Science & Technology)
7003 Kilworth Lane, Springfield, VA 22151 | w: www.imaging.org


ISA (ASC Z133) (International Society of Arboriculture)
270 Peachtree Street NW, Suite 1900, Atlanta, GA 30303 | w: www.isa-arbor.com


ISA (Organization) (International Society of Automation)
3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | w: www.isa.org


- 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: Sep 16, 2016 | Public Review: Dec 23, 2016 | Final Action: Apr 17, 2018


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: Mar 18, 2016 | Public Review: Jul 27, 2018 | Final Action: Sep 21, 2018 Approved

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: Feb 16, 2018 | Public Review: Jul 27, 2018 | Final Action: Sep 21, 2018 Approved


ANSI/ISA 75.05.01-2019, Control Valve Terminology (revision of ANSI/ISA 75.05.01-2016) PINS: Nov 9, 2018 | Public Review: Jan 18, 2019 | Final Action: May 14, 2019 Approved

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)) Public Review: Oct 28, 2016 | Final Action: Feb 23, 2017 Approved

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: Oct 7, 2011 | Public Review: Apr 15, 2016 | Final Action: Jul 28, 2016 Approved

ANSI/ISA 75.08.05-2016, Face-to-Face Dimensions for Butt welded-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500) (revision of ANSI/ISA 75.08.05-2002 (R2007)) PINS: Oct 7, 2011 | Public Review: Apr 15, 2016 | Final Action: Jul 28, 2016 Approved
• ANSI/ISA 75.08.03-2015, General Requirements for Clamp or Pinch Valves (revision of ANSI/ISA 75.10.01-2008) PINS: Nov 9, 2012 | Public Review: Oct 4, 2013 | Final Action: Dec 20, 2013 Approved

• ANSI/ISA 75.10.02-2014, Installed Face-to-Face Dimensions for Dual Pinch Flanged Clamp or Pinch Valves (Classes 125 and 150) (revision of ANSI/ISA 75.10.02-2008) PINS: Jul 2, 2010 | Public Review: Jan 31, 2014 | Final Action: Apr 15, 2014 Approved


• ANSI/ISA 75.43.01-2019, Fossil Fuel Power Plant Boiler Combustion Controls (revision of ANSI/ISA 77.42.01-1999 (R2011)) PINS: Dec 18, 2015 | Public Review: Dec 16, 2016 | Final Action: Mar 12, 2019 Approved


• ANSI/ISA 95.00.02-2012, 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 95.00.02-2010) PINS: Apr 24, 2015 | Public Review: Feb 23, 2018 | Final Action: May 24, 2018 Approved


ISA (Organization) (International Society of Automation)
3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | w: www.isa.org


ISANTA (International Staple, Nail and Tool Association)
8735 W. Higgins Road, Suite 300; c/o Association Management Center, Chicago, IL 60631


ISDI (ASC MH2) (Industrial Steel Drum Institute)
P.O. Box 8570, Alexandria, VA 22306-8570 | w: www.whysteeldrums.org


ISEA (International Safety Equipment Association)
1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | w: www.safetyequipment.org


ISTA (International Safe Transit Association)


INCITS 103-1983 [S2021], Unrecorded Magnetic Tape Minicassette For Information Interchange, Coplanar 3.81 mm (0.150 Inch) (stabilized maintenance of INCITS 103 -1983 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 29, 2011 Approved


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)) Public Review: Feb 12, 2010 | Final Action: Jul 7, 2010 Approved


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ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 | w: www.incits.org


- 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)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved


- 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)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved


- 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 bphm), Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 136-1986 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved

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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)) Public Review: Feb 22, 2008 | Final Action: Jun 19, 2008 Approved


INCITS 164-1990 [S2021], Unrecorded Magnetic Tape Cassette for Information Interchange 3.81 mm (0.150 In), 252 to 394 tpm (6400 to 10000 tpi) (stabilized maintenance of INCITS 164-1990 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 29, 2011 Approved


INI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 | w: www.incits.org

- 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 ft/mm) and 48-Track, 10,000 ftpi (394 ft/mm) (stabilized maintenance of INCITS 197-1991 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 23, 2007 Approved


INCITS 227-1996 [S2021], Recorded Magnetic Tape Mini-Cartridge for Information Interchange - Serial, 0.250 in (6.30 mm) 20 Tracks, 10 000 bpi (394 bppm) and 28-Track, 14 700 bpi (579 bppmm), MFM Encoded (stabilized maintenance of INCITS 227-1996 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 29, 2011 Approved


INCITS 224-1994 [S2018], Extended Tape Format for Information Interchange, (18-Track, Parallel, 12.65 mm (0.50 in), 1491 cpm (37 871 cpi), Group-Coded Recording) (stabilized maintenance of INCITS 224-1994 (R2004)) Public Review: Oct 17, 2008 | Final Action: Dec 17, 2008 Approved


INCITS 243-1996 [S2021], Serial Magnetic Tape Cartridge for Information Interchange, 26 Tracks, 0.250 in (6.35 mm), 16 000 bpi (630 bpm), Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 243-1996 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


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)) Public Review: Oct 7, 2009 | Final Action: Jan 4, 2010 Approved


INCITS 249-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 10 000 - 14 700 fpti (394 579 fptpm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 2000, 2060, 2080, 2120) (stabilized maintenance of INCITS 249-1995 (R2005)) Public Review: Feb 12, 2010 | Final Action: Jul 7, 2010 Approved


INCITS 251-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 20 000 fpti (787 fptpm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 6320, 6525, 6080, 6081) (stabilized maintenance of INCITS 251-1995 (R2005)) Public Review: Feb 12, 2010 | Final Action: Jul 7, 2010 Approved


INCITS 264-1996 [S2021], 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)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved

INCITS 266-1996 [S2021], Magnetic Tape Cartridge for Information Interchange, .50 in (12.65 mm), Serial Serpentine, 112-Track, 42 500 bpi (1673 bpcm) (DLT2 Format) (stabilized maintenance of INCITS 266-1996 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


INCITS 267-1996 [S2021], Helical-Scan Digital Computer Tape Cartridge, 16.55 mm (0.65 in) for Information Interchange (stabilized maintenance of INCITS 267-1996 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


INCITS 30-1998 [S2018], Representation of Calendar Date and Ordinal Date for Information Interchange (stabilized maintenance of INCITS 30:1998 (R2013)) Public Review: Jul 27, 2018 | Final Action: Dec 31, 2018 Approved


INCITS 312:1998 [S2023], Magnetic Tape Cartridge 0.50 in (12.65 mm), Serial Serpentine, 112-Track, 81 600 bpi (3213 bppm), DLT4 Format (stabilized maintenance of INCITS 312-1998 (R2008)) Public Review: Jun 7, 2013 | Final Action: Oct 14, 2013 Approved


INCITS 319-1998 [S2022], Information Technology - Programming Languages - Smalltalk (stabilized maintenance of INCITS 319-1998 (R2007)) Public Review: Jul 6, 2012 | Final Action: Sep 6, 2012 Approved


INCITS 345-2001 [S2021], 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]) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


INCITS 4-1986 [R2022], Information Systems - Coded Character Sets - 7- Bit Standard Code for Information Interchange (7-Bit ASCII) (reaffirmation of INCITS 4-1986 [R2017]) Public Review: May 13, 2022 | Final Action: Sep 8, 2022 Approved


INCITS 40-1993 [S2018], Unrecorded Magnetic Tape for Information Interchange (9-Track, 800 CPI, NR2); 1600 CPI, PE; and 6250 CPI, GCR) (stabilized maintenance of INCITS 40-1993 (R2003)) Public Review: Feb 22, 2008 | Final Action: Jun 19, 2008 Approved


INCITS 419-2008 [S2018], Information Technology - Fibre Channel Backbone (FC-BB-4) (stabilized maintenance of INCITS 419:2008 [R2013]) Public Review: Jul 27, 2018 | Final Action: Dec 6, 2018 Approved


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ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC  20001 | v: www.incits.org

- INCITS 446-2008 [R2023], 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 [R2018]) Public Review: May 19, 2023 | Final Action: Aug 31, 2023 Approved
Approved American National Standards

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700 K Street NW, Suite 600, Washington, DC 20001 | w: www.incits.org


- INCITS 475-2010 [R2020], Information technology - Multi-media Command Set - 6 (MMC-6) - Amendment 1 (reaffirmation of INCITS 468-2010/AM1-2012 [R2017]) Public Review: May 13, 2022 | Final Action: Sep 1, 2022 Approved

- INCITS 476-2010/AM1-2012 [R2022], Information technology - Multi-media Command Set - 6 (MMC-6) - Amendment 1 (reaffirmation of INCITS 468-2010/AM1-2012 [R2017]) Public Review: May 13, 2022 | Final Action: Sep 1, 2022 Approved


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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)) Public Review: Apr 6, 2007 | Final Action: Jul 12, 2007 Approved


INCITS 484-2012 [R2022], Information Technology - SCSI Media Changer Commands - 3 (reaffirmation of INCITS 484-2012 [R2017]) Public Review: May 13, 2022 | Final Action: Sep 1, 2022 Approved


INCITS 488-2016 [R2021], Information Technology - Fibre Channel - Framing And Signaling - 4 (FC-FS-4) (reaffirmation of INCITS 488-2016) Public Review: Apr 9, 2021 | Final Action: Aug 30, 2021 Approved


INCITS 504-4-2013 [R2023], Information technology - Generic Identity Command Set (GICS) - Part 4: Card Application Profile Template (reaffirmation of INCITS 504-4-2013) Public Review: May 19, 2023 | Final Action: Aug 31, 2023 Approved


INCITS 528-2013 [S2023], Information Technology - Common Building Blocks Specification (stabilized maintenance of INCITS 528-2013 [R2018]) Public Review: May 19, 2023 | Final Action: Aug 4, 2023 Approved


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)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved


INCITS/ISO 19104:2016 [R2018], Parallel Recorded Magnetic Tape Cartridge for Information Interchange, 4-Track, 0.250 Inch (6.30 mm), 1600 bpi (63 bpmm), Phase Encoded (stabilized maintenance of INCITS 72-1981 (R2003)) Public Review: Feb 22, 2008 | Final Action: Jun 19, 2008 Approved

INCITS 72-1981 [S2018], Parallel Recorded Magnetic Tape Cartridge for Information Interchange, 4-Track, 0.250 Inch (6.30 mm), 1600 bpi (63 bpmm), Phase Encoded (stabilized maintenance of INCITS 72-1981 (R2003)) Public Review: Feb 22, 2008 | Final Action: Jun 19, 2008 Approved


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INCITS/ISO 7065-1:1985 [S2020], Info processing-Data interchange on 200 mm (8 in) flexible disk cartridges using modified frequency modulation recording, 13 262 ftprad, 1.9 tpmm (48 tpi), both sides-Part 1: Dimensional, physical & magnetic characteristics (stabilized maintenance of INCITS/ISO 7065-1:1985 [R2015]) Public Review: Jun 26, 2020 | Final Action: Oct 30, 2020 Approved


INCITS/ISO 6596-1:1985 [S2020], Information processing - Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad, 1.9 tpmm (48 tpi), on one side - Part 1: Dimensional, physical & magnetic characteristics (stabilized maintenance of INCITS/ISO 6596-1:1985 [R2015]) Public Review: Jun 26, 2020 | Final Action: Oct 30, 2020 Approved


INCITS/ISO 7065-1:1985 [S2020], Info processing-Data interchange on 200 mm (8 in) flexible disk cartridges using modified frequency modulation recording, 13 262 ftprad, 1.9 tpmm (48 tpi), both sides-Part 1: Dimensional, physical & magnetic characteristics (stabilized maintenance of INCITS/ISO 7065-1:1985 [R2015]) Public Review: Jun 26, 2020 | Final Action: Oct 30, 2020 Approved


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Public Review: May 13, 2022 | Final Action: Aug 30, 2022 Approved


Information technology – Coding of audio-visual objects –
Part 5: Reference software - Amendment 21: Frame-based
Animated Mesh Compression reference software (reaffirm a
national adoption INCITS/ISO/IEC 14496-5:2001/AM
Action: Aug 30, 2021 Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 11: MPEG-J GFX
Reference software (reaffirm a national adoption
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology – Coding of audio-visual objects –
Part 5: Reference software - Amendment 13: Geometry and
shadow reference software (reaffirm a national adoption
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology – Coding of audio-visual objects –
Part 5: Reference software - Amendment 24: Reference
software for AAC-ELD (identical national adoption of
Approved

Information technology – Coding of audio-visual objects –
Part 5: Reference software - Amendment 4: IPMPX
reference software extensions (reaffirm a national adoption
Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 43: New levels of
ALS simple profile, SBR enhancements (identical national
31, 2021 Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 12: Updated file
format reference software (reaffirm a national adoption
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 16: Symbolic
Music Representation reference software (reaffirm a
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 10: SSC, DST, ALS
and SLS reference software (reaffirm a national adoption
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 12: Updated file
format reference software (reaffirm a national adoption
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 42: Printing
material and 3D graphics coding for browsers reference
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 40: Printing
material and 3D graphics coding for browsers reference
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 42: Reference
software for the alternative depth information SEI message
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 5: Reference
software extensions for error resilient simple scalable
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 10: SSC, DST, ALS
and SLS reference software (reaffirm a national adoption
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 12: Updated file
format reference software (reaffirm a national adoption
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

Information technology - Coding of audio-visual objects -
Part 5: Reference software - Amendment 16: Symbolic
Music Representation reference software (reaffirm a
Approved


INCITS/ISO/IEC 17203:2017 [R2023], Information technology
- Open Virtualization Format (OVF) specification
(reaffirmation of INCITS/ISO/IEC 17203:2017 [2018])
Public Review: May 19, 2023 | Final Action: Aug 28, 2023
Approved

INCITS/ISO/IEC 17342:2004 [S2020], Information Technology - 80 Mm (1,46 Gbytes Per Side) And 120 Mm (4,70 Gbytes Per Side) DVD Re-Recordable Disk (DVD-RW)
Approved

INCITS/ISO/IEC 17345:2006 [S2017], Information technology
- Data Interchange on 130 mm Rewritable and Write Once Read Many Ultra Density Optical (UDO) Disk Cartridges - Capacity: 30 Gbytes per Cartridge - First Generation
Approved

INCITS/ISO/IEC 17462:2000 [S2021], Information technology
- 3,81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical scan recording - DDS-4 Format
Approved

INCITS/ISO/IEC 17594:2004 [S2020], Information technology
- Cases for 120 mm and 80 mm DVD-RAM disks
Approved

INCITS/ISO/IEC 17788:2014 [R2022], Information technology
Approved

Approved

INCITS/ISO/IEC 17826:2022 [2023], Information technology - Cloud Data Management Interface (CDMI) Version 2.0.0
Approved

Approved

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]) Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

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]) Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
Approved

INCITS/ISO/IEC 17346:2005 [S2020], Information Technology - Data Interchange On 90 Mm Optical Disk Cartridges - Capacity: 1,3 Gbytes Per Cartridge
Approved

INCITS/ISO/IEC 17592:2004 [S2020], Information technology
- 120 mm (4,7 Gbytes per side) and 80 mm (1,46 Gbytes per side) DVD rewritable disk (DVD-RAM)
Approved

INCITS/ISO/IEC 17629:2014 [R2019], Information technology
Approved

INCITS/ISO/IEC 17789:2014 [R2022], Information technology
Approved

INCITS/ISO/IEC 17825:2016 [R2018], Information technology
- Non-invasive attack classes against cryptographic modules
Approved

INCITS/ISO/IEC 17839-1:2014 [R2018], Information technology
- Open Virtualization Format (OVF) specification
Approved

INCITS/ISO/IEC 17345:2006 [S2017], Information technology
Approved


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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))

Approved


Approved


Approved

Public Review: May 19, 2023 | Final Action: Aug 28, 2023

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INCI (INCITS) (InterNational Committee for Information Technology Standards) 
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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])

INCITS/ISO/IEC 25436:2006 [R2020], Information technology


INCITS/ISO/IEC 27000:2018 [2019], Information technology


INCITS/ISO/IEC 26300:2006 [R2022], Information technology


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]) Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019 Approved


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ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC  20001 | w: www.incits.org


ANSI/ITSDF B56.11.4-2023, Hook-Type Forks and Fork Carriers for Powered Industrial Forklift Trucks (revision of ANSI/ITSDF B56.11.4-2013 (R2018)) PINS: Aug 19, 2022 | Public Review: Oct 27, 2023 | Final Action: Dec 12, 2023 Approved


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ITSDF (Industrial Truck Standards Development Foundation, Inc.)
1750 K Street NW, Suite 460, Washington, DC  20006 | w: www.indtrk.org


KCMA (Kitchen Cabinet Manufacturers Association)
1899 Preston White Drive, Reston, VA  20191 | w: www.kcma.org


LEO (Leonardo Academy Inc.)
8401 Excelsior Drive, Madison, WI  53717 | w: www.leonardoacademy.org


LES (Licensing Executives Society (U.S. and Canada))
11130 Sunrise Valley Drive, Suite 350, Reston, VA  20191 | w: www.les.org


LIA (ASC Z136) (Laser Institute of America)
12001 Research Parkway, Suite 210, Orlando, FL  32828 | w: www.laserinstitute.org


MHI (Material Handling Industry)
8720 Red Oak Boulevard, Suite 201, Charlotte, NC  28217 | w: www.mhi.org


MHI (Material Handling Industry)


MHI (ASC MHC) (Material Handling Industry)


MSS (Manufacturers Standardization Society)


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**MSS (Manufacturers Standardization Society)**

1800 Diagonal Road, Suite 603, Alexandria, VA 22314 | w: www.mss-hq.org


**MTConnect (MTConnect Institute)**

7901 Jones Branch Drive, Suite 900, McLean, VA 22102 | w: http://www.amtonline.org


**NAAMM (National Association of Architectural Metal Manufacturers)**

114 Whiting Street, Norfolk, VA 23505 | w: www.naamm.org


NALFA (North American Laminate Flooring Association)
1747 Pennsylvania Avenue, NW, Suite 1000, Washington, DC 20006 | w: www.nalfa.com

- ANSI/NALFA LF-02-2019, Sustainability Assessment of Laminate Flooring (revision of ANSI/NALFA LF-02-2010)

NAPSA (North American Power Sweeping Association)
P.O. Box 1166, Lebanon, OH 45036 | w: www.PowerSweeping.org


NASBLA (National Association of State Boating Law Administrators)
1020 Monarch Street, Suite 200, Lexington, KY 40513 | w: www.nasbla.org


NASPO (North American Security Products Organization)
1300 I Street, NW, Suite 400E, Washington, DC 20005 | w: www.naspo.info

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
1055 Crupper Avenue, Columbus, OH 43229-1183 | w: www.nationalboard.org


NCMA (National Contract Management Association)
21740 Beaumeade Circle, Suite 125, Ashburn, VA 20147 | w: www.ncmahq.org


NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | w: www.ncpdp.org


  - Public Review: Sep 14, 2018 | Final Action: Jan 29, 2019

  - Public Review: Sep 13, 2019 | Final Action: Dec 6, 2019

  - Public Review: Sep 11, 2020 | Final Action: Dec 18, 2020

  - Public Review: Sep 10, 2021 | Final Action: Dec 2, 2021

- ANSI/NCPDP Specialized Standard v2023011-2023, NCPDP Specialized Standard WG1100902023xx (revision and redesignation of ANSI/NCPDP Specialized Standard v2022071-2022) Approved
  - Public Review: Sep 9, 2022 | Final Action: Jan 17, 2023

  - Public Review: Sep 8, 2023 | Final Action: Dec 7, 2023

  - Public Review: Mar 15, 2019 | Final Action: Jul 19, 2019

  - Public Review: Mar 12, 2021 | Final Action: Jun 6, 2021

  - Public Review: Sep 14, 2018 | Final Action: Jan 29, 2019

  - Public Review: Sep 13, 2019 | Final Action: Dec 6, 2019

  - Public Review: Mar 12, 2021 | Final Action: Jul 6, 2021
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NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ  85260 | w: www.ncpdp.org


NEBB (National Environmental Balancing Bureau)
8575 Grovemont Circle, Gaithersburg, MD  20877 | w: www.nebb.org


NECA (National Electrical Contractors Association)
1201 Pennsylvania Avenue, Suite 1200, Washington, DC  20004 | w: www.neca-neis.org


ANSI/NECA/NACMA 120-2018, Standard for Installing Armored Cable (Type AC) and Type Metal-Clad (MC) Cable (revision of ANSI/NECA 120-2012) PINS: Nov 10, 2017 | Public Review: Apr 20, 2018 | Final Action: Jun 28, 2018 Approved


NEMA (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: www.nema.org


NEMA (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: www.nema.org

- NEMA AB 3-2013 (R2023), Molded-Case Circuit Breakers and Their Application (reaffirmation of ANSI/NEMA AB 3-2013)
  PINS: Jul 26, 2019 | Public Review: Jul 15, 2022 | Final Action: Jul 27, 2023 Approved

- NEMA HN 1-2019, Manufacturer Disclosure Statement for Medical Device Security (new standard)
  PINS: Mar 8, 2019 | Public Review: May 10, 2019 | Final Action: Jul 9, 2019 Approved

- NEMA IM 60001-2022, Relative Temperature Indices of Industrial Thermosetting Laminates Standard (new standard)

  PINS: Jul 26, 2019 | Public Review: Jul 15, 2022 | Final Action: Jul 27, 2023 Approved

- NEMA MW 1000-2023, Magnet Wire (revision of ANSI/NEMA MW 1000-2020)

- NEMA OS 2-2014 (R2020), Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports (reaffirmation of ANSI/NEMA OS 2-2014)
  PINS: Sep 9, 2016 | Public Review: Feb 26, 2021 | Final Action: May 18, 2021 Approved

- NEMA SM 31000-2-2021, Electrical Submeter - Current Sensor Accuracy (new standard)

- NEMA WD6-2022, Wiring Devices - Dimensional Specifications (revision of ANSI/NEMA WD6-2016)

- NEMA AB 4-2023, Guidelines for Inspection and Preventive Maintenance of Molded-Case Circuit Breakers Used in Commercial and Industrial Applications (new standard)
  PINS: Jul 26, 2019 | Public Review: Jul 15, 2022 | Final Action: Jul 27, 2023 Approved

- NEMA IM 60003-2023, Electrical Insulating Varnish (new standard)
  PINS: Jan 6, 2023 | Public Review: Sep 1, 2023 | Final Action: Oct 20, 2023 Approved

- NEMA KS 3-2023, Guidelines for Inspection and Preventive Maintenance of Switches Used in Commercial and Industrial Applications (new standard)


- NEMA SM 31000-7-2021, Electrical Submeter - Current Sensor Accuracy (new standard)

NEMA (ASC C119) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org

- ANSI C119.4-2022, Electric Connectors—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 C119.4-2016) PINS: Jun 5, 2020 | Public Review: Jul 8, 2022 | Final Action: Aug 25, 2022 Approved
- ANSI C119.4-2022, Electric Connectors—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 C119.4-2016) PINS: Jun 5, 2020 | Public Review: Jul 8, 2022 | Final Action: Aug 25, 2022 Approved

NEMA (ASC C12) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org

- ANSI C12.11-2006 (R2019), Instrument Transformers for Revenue Metering 10 kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV) (reaffirmation of ANSI C12.11-2006 (R2014)) Public Review: Jul 26, 2019 | Final Action: Sep 23, 2019 Approved
NEMA (ASC C12) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org


- ANSI C136.11-2011 (S2021), Multiple Parallel Wired Sockets (stabilized maintenance of ANSI C136.11-2011 (R2016)) Public Review: Jun 4, 2021 | Final Action: Jul 20, 2021 Approved


NEMA (ASC C136) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org


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ANSI C136.4-2023, Roadway and Area Lighting Equipment - Series Sockets and Series Socket Receptacles (revision of ANSI C136.4-2019) PINS: Jun 2, 2023 | Public Review: Jul 21, 2023 | Final Action: Sep 14, 2023 Approved


ANSI C136.41-2021, Standard For Roadway and Area Lighting Equipment - Dimming Control Between an External Locking Type Photocontrol and Ballast or Driver (revision of ANSI C136.41-2013) PINS: Sep 8, 2017 | Public Review: Feb 26, 2021 | Final Action: Dec 3, 2021 Approved


ANSI C136.5-1989 (S2019), Film Cutouts (stabilized maintenance of ANSI C136.5-1989 (R2013)) Public Review: Dec 7, 2018 | Final Action: Jan 29, 2019 Approved


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NEMA (ASC C137) (National Electrical Manufacturers Association)
1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org


NEMA (ASC C18) (National Electrical Manufacturers Association)
1300 North 17th Street, Rosslyn, VA 22209 | w: www.nema.org


NEMA (ASC C29) (National Electrical Manufacturers Association)
13 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org

NEMA (ASC C29) (National Electrical Manufacturers Association)
13 North 17th Street, Suite 900, Rosslyn, VA  22209 | w: www.nema.org

- ANSI C29.18-2023, Standard for Composite Insulators Distribution Line Post Type *(revision of ANSI C29.18-2013)*

- ANSI C29.2A-2020, Wet Process Porcelain and Toughened Glass Distribution Suspension Type *(revision of ANSI C29.2A -2013)*

- ANSI C29.4-2022, Wet Process Porcelain Insulators - Strain Type *(revision of ANSI/NEMA C29.4-2015)*

- ANSI C29.6-2023, Wet-Process Porcelain Insulators - High-Voltage Pin-Type *(revision of ANSI/NEMA C29.6-2015)*


- NEMA C29.7-2015 (R2023), Wet Process Porcelain InsulatorsHigh-Voltage Line Post-Type *(reaffirmation of ANSI/NEMA C29.7-2015)*

NEMA (ASC C37) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 1752, Rosslyn, VA  22209 | w: www.nema.org

- ANSI C37.50-2018, Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures *(revision of ANSI C37.50-2012)*

- ANSI C37.54-2023, Standard for Alternating Current High-Voltage Circuit Breakers Applied in Metal-Enclosed Switchgear - Conformance Test Procedures *(revision of ANSI C37.54-2003 (R2020))*


NEMA (ASC C50) (National Electrical Manufacturers Association)
1300 N 17th Street, Suite 900, Rosslyn, VA  22209 | w: www.nema.org

- ANSI C50.41-2012 (R2021), Polyphase Induction Motors for Power Generating Stations *(reaffirmation of ANSI C50.41 -2012)*

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ANSI NEMA MG 1-2022, Motors and Generators (revision of ANSI NEMA MG 1-2021) Public Review: Apr 8, 2022 | Final Action: Jun 6, 2022 Approved


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NEMA (ASC C78) (National Electrical Manufacturers Association)

1300 N 17th St, Rosslyn, VA 22209 | w: www.nema.org

- 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)) Public Review: Feb 9, 2018 | Final Action: Jun 8, 2018 Approved
- ANSI C78.1460-2004 (S2020), For Electric Lamps Single-Ended Tungsten-Halogen Lamps G29.5 Base, T6 Bulb, 36.5mm LCL, 76.2mm MOL with Proximity Reflector (stabilized maintenance of ANSI C78.1460-2004 (R2015)) Public Review: May 29, 2020 | Final Action: Sep 28, 2020 Approved


ANSI C78.50-2016 (R2022), For Electric Lamps—Assigned LED Shapes

ANSI C78.42-2009 (S2022), For Electric Lamps—High-Pressure Sodium Lamps (stabilized maintenance of ANSI C78.42-2009) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved

ANSI C78.44-2016 (R2022), For Electric Lamps: Double-Ended Metal Halide Lamps (reaffirmation of ANSI C78.44-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved


ANSI C78.41-2016 (R2022), For Electric Lamps: Guidelines for Low Pressure Sodium Lamps (reaffirmation of ANSI C78.41-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved


ANSI C78.45-2016 (R2022), For Electric Lamps: Self-ballasted Mercury Lamps (reaffirmation of ANSI C78.45-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved

ANSI C78.50-2016 (R2022), For Electric Lamps—Assigned LED Lamp Codes (reaffirmation of ANSI C78.50-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved


NEMA (ASC C78) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | w: www.nema.org


- ANSI C78.81-2016 (R2022), For Electric Lamps—Double-Capped Fluorescent Lamps—Dimensional and Electrical Characteristics (reaffirmation of ANSI C78.81-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved


- ANSI C78.62035-2016 (R2022), For Electric Lamps—Discharge Lamps (Excluding Fluorescent Lamps)—Safety Specifications (reaffirmation of ANSI C78.62035-2016) Public Review: Jul 9, 2021 | Final Action: Apr 19, 2022 Approved


- ANSI C78.901-2016 (R2022), For Electric Lamps—Single-Based Fluorescent Lamps—Dimensional and Electrical Characteristics (reaffirmation of ANSI C78.901-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved


ANSI ICEA S-121-733-2023, Tree Wire and Messenger Supported Spacer Cable (revision and redesignation of ANSI/ICEA S-121-733-2016) PINS: Mar 12, 2021 | Public Review: Mar 10, 2023 | Final Action: May 1, 2023 Approved


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NEMA (ASC C8) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Arlington, VA  22209 | w: www.nema.org


- ANSI NEMA HP 4-2021, Electrical and Electronic FEP (Fluorinated Ethylene Propylene) Insulated High Temperature Hook-Up Wire, Types KT (250 Volt), K (600 Volt), and KK (1000 Volt) (revision of ANSI/NEMA HP 4-2012) PINS: Apr 27, 2018 | Public Review: Oct 9, 2020 | Final Action: Mar 9, 2021 Approved

- ANSI NEMA HP 6-2021, Electrical and Electronic Silicone and Silicone Braided Insulated, Hook-Up Wire, Types S (600 V), ZHS (600 V), SS (1000 V), ZHSS (1000 V), and SSB Braided (1000 V) (revision of ANSI/NEMA HP 6-2013) PINS: May 18, 2018 | Public Review: May 7, 2021 | Final Action: Jul 6, 2021 Approved


- ANSI NEMA HP 4-2021, Electrical and Electronic FEP (Fluorinated Ethylene Propylene) Insulated High Temperature Hook-Up Wire, Types KT (250 Volt), K (600 Volt), and KK (1000 Volt) (revision of ANSI/NEMA HP 4-2012) PINS: Apr 27, 2018 | Public Review: Oct 9, 2020 | Final Action: Mar 9, 2021 Approved

- ANSI NEMA HP 6-2021, Electrical and Electronic Silicone and Silicone Braided Insulated, Hook-Up Wire, Types S (600 V), ZHS (600 V), SS (1000 V), ZHSS (1000 V), and SSB Braided (1000 V) (revision of ANSI/NEMA HP 6-2013) PINS: May 18, 2018 | Public Review: May 7, 2021 | Final Action: Jul 6, 2021 Approved
ANSI NEMA HP 8-2021, Electrical and Electronic Cross-Linked, Modified Low-Smoke Polyolefin (XLPO) Insulated Hook-Up Wire, Types LS (rated 105°C; 600 V), ZHDM (rated 90°C; 600 V), ZHHD (rated 90°C; 600 V), ZH (rated 125°C; 600 V), and ZHX (rated 125°C; 1000 V) (revision of ANSI/NEMA HP 8-2013) PINS: May 18, 2018 | Public Review: Mar 5, 2021 | Final Action: Apr 22, 2021 Approved


NEMA (ASC C8) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: www.nema.org


NEMA (ASC C80) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: www.nema.org


NEMA (ASC C81) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org


NEMA (ASC C81) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: www.nema.org


NEMA (ASC C82) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA 22209 | w: www.nema.org

- ANSI C82.4-2017 (R2022), Standard For Lamp Ballasts - Ballasts For High-Intensity-Discharge and Low-Pressure Sodium Lamps (Multiple-Supply Type) (reaffirmation of ANSI C82.4-2017) Public Review: Apr 22, 2022 | Final Action: Jun 16, 2022 Approved
- ANSI C82.16-2023, Light Emitting Diode Drivers - Methods of Measurement (revision of ANSI C82.16-2022) PINS: Nov 4, 2022 | Public Review: Feb 3, 2023 | Final Action: Apr 17, 2023 Approved
- ANSI C82.18-2023, Light Emitting Diode Drivers - Performance Characteristics (revision of ANSI C82.18-2022) PINS: Nov 4, 2022 | Public Review: Feb 3, 2023 | Final Action: Apr 17, 2023 Approved
- ANSI C82.3-2016 (R2022), Standard for Electric Lamps—Reference Ballasts for Fluorescent Lamps (reaffirmation of ANSI C82.3-2016) Public Review: May 28, 2021 | Final Action: Apr 12, 2022 Approved
- ANSI C82.5-2016 (R2022), Standard for Lamp Ballasts—High-Intensity Discharge and Low-Pressure Sodium Lamps (reaffirmation of ANSI C82.5-2016) Public Review: May 28, 2021 | Final Action: Apr 12, 2022 Approved
Approved American National Standards

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NEMA (ASC C82) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA  22209 | w: www.nema.org

- 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: Dec 7, 2018 | Public Review: Jul 12, 2019 | Final Action: Jan 10, 2020 Approved


NEMA (ASC C84) (National Electrical Manufacturers Association)
1300 North 17th Street, Rosslyn, VA  22209 | w: www.nema.org


NEMA (ASC GR) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA  22209 | w: www.nema.org


NEMA (ASC W1) (National Electrical Manufacturers Association)
1300 North 17th Street, Rosslyn, VA  22209 | w: www.nema.org


NEMA (ASC W1) (National Electrical Manufacturers Association)
1300 North 17th Street, Rosslyn, VA  22209 | w: www.nema.org


NEMA (ASC Z535) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA  22209 | w: www.nema.org

- ANSI Z535.5-2022, Safety Tags and Barricade Tapes (for Temporary Hazards) (revision of ANSI Z535.5-2011 (R2017)) PINS: Mar 5, 2021 | Public Review: Mar 25, 2022 | Final Action: Jun 2, 2022 Approved

NENA (National Emergency Number Association)
1700 Diagonal Road, Suite 500, Alexandria, VA  22314 | w: www.nena.org

NENA (National Emergency Number Association)
1700 Diagonal Road, Suite 500, Alexandria, VA  22314 | w: www.nena.org


NETA (InterNational Electrical Testing Association)
3050 Old Centre Road, Suite 101, Portage, MI  49024 | w: www.netaworld.org


NFPA (National Fire Protection Association)
One Batterymarch Park, Quincy, MA  02169 | w: www.nfpa.org


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NFPA (National Fire Protection Association)
One Batterymarch Park, Quincy, MA  02169 | w: www.nfpa.org


ANSI/NFPA 111-2022, Standard on Stored Electrical Energy
Emergency and Standby Power Systems (revision of
Feb 28, 2020 | Final Action: Feb 11, 2021 Approved

ANSI/NFPA 1123-2022, Code for Fireworks Display (revision
of ANSI/NFPA 1123-2018) PINS: Apr 13, 2018 | Public
Review: Jan 1, 2021 | Final Action: Sep 15, 2021 Approved

ANSI/NFPA 1125-2022, Code for the Manufacture of Model
Rocket and High-Power Rocket Motors (revision of
Jan 1, 2021 | Final Action: Apr 8, 2021 Approved

(revision of ANSI/NFPA 1127-2013) PINS: Dec 29, 2017 |
Final Action: Oct 30, 2016 Approved

ANSI/NFPA 1141-2017, Fire Protection Infrastructure for Land
Development in Wildland, Rural, and Suburban Areas
(revision of ANSI/NFPA 1141-2011) Public Review: Sep 15,
2017 | Final Action: Jun 2, 2016 Approved

ANSI/NFPA 1143-2018, Standard for Wildland Fire
Management (revision of ANSI/NFPA 1143-2013) PINS: Apr
21, 2017 Approved

ANSI/NFPA 1145-2022, Guide for the Use of Class A Foams in
Fire Fighting (revision of ANSI/NFPA 1145-2017) PINS: Oct
18, 2019 | Public Review: Jul 31, 2020 | Final Action: Dec
26, 2020 Approved

ANSI/NFPA 1150-2022, Standard on Foam Chemicals for
Fires in Class A Fuels (revision of ANSI/NFPA 1150-2017)
PINS: Jul 7, 2017 | Public Review: Sep 25, 2020 | Final
Action: Jul 28, 2021 Approved

ANSI/NFPA 1194-2021, Standard for Recreational Vehicle
Action: Jun 21, 2020 Approved

ANSI/NFPA 120-2023, Standard for Fire Prevention and
Control in Coal Mines (revision of ANSI/NFPA 120-2020)
PINS: Mar 27, 2020 | Public Review: Sep 23, 2022 | Final
Action: Dec 19, 2022 Approved

ANSI/NFPA 122-2023, Standard for Fire Prevention and
Control in Metal/Nonmetal Mining and Metal Mineral
Processing Facilities (revision of ANSI/NFPA 122-2020)
PINS: Mar 27, 2020 | Public Review: Sep 23, 2022 | Final
Action: Dec 19, 2022 Approved

ANSI/NFPA 1225-2022, Standards for Emergency Services
Communications (new standard) PINS: Oct 25, 2019 | Public
Review: Apr 2, 2021 | Final Action: Sep 15, 2021 Approved

ANSI/NFPA 1122-2017, Code for Model Rocketry (revision of
ANSI/NFPA 1122-2012) PINS: Dec 29, 2017 | Final Action:
Oct 30, 2016 Approved

ANSI/NFPA 1124-2022, Code for the Manufacture,
Transportation, and Storage of Fireworks and Pyrotechnic
Articles (revision of ANSI/NFPA 1124-2017) PINS: Jul 21,
2017 | Public Review: Jan 1, 2021 | Final Action: Apr 8,
2021 Approved

ANSI/NFPA 1126-2021, Standard for the Use of Pyrotechnics

ANSI/NFPA 1140-2022, Standards for Wildland Firefighting
(new standard) PINS: Oct 25, 2019 | Public Review: Apr 2,
2021 | Final Action: Jun 11, 2021 Approved

ANSI/NFPA 1142-2022, Standard on Water Supplies for
Suburban and Rural Fire Fighting (revision of ANSI/NFPA
2021 | Final Action: Jun 11, 2021 Approved

Ignition Hazards from Wildland Fire (revision of ANSI/NFPA
1144-2013) PINS: Apr 21, 2017 | Final Action: Aug
21, 2017 Approved

(revision of ANSI/NFPA 115-2016) PINS: Nov 10, 2017 |
Public Review: Sep 7, 2018 | Final Action: Apr 30, 2019 Approved

ANSI/NFPA 1192-2021, Standard on Recreational Vehicles
(revision of ANSI/NFPA 1192-2018) PINS: Feb 23, 2018 |
Public Review: Jan 24, 2020 | Final Action: Apr 4, 2020 Approved

ANSI/NFPA 12-2022, Standard on Carbon Dioxide
Extinguishing Systems (revision of ANSI/NFPA 12-2018)
PINS: Jun 8, 2018 | Public Review: Feb 5, 2021 | Final
Action: Apr 8, 2021 Approved

ANSI/NFPA 1201-2020, Standard for Providing Fire and
Emergency Services to the Public (revision of ANSI/NFPA
2019 | Final Action: Nov 24, 2019 Approved

ANSI/NFPA 1221-2019, Standard on Installation,
Maintenance, and Use of Emergency Services
2018 Approved

ANSI/NFPA 1250-2020, Recommended Practice in Fire and
Emergency Service Organization Risk Management


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PINS: Jun 8, 2018 | Public Review: Sep 23, 2022 | Final Action: Dec 19, 2022 Approved


PINS: May 10, 2019 | Public Review: Sep 23, 2022 | Final Action: Sep 15, 2023 Approved


- ANSI/NFPA 3000-2021, Standard for an Active Shooter/Hostile Event Response (ASHER) Program (new standard) 


PINS: Jun 8, 2018 | Public Review: Sep 23, 2022 | Final Action: Dec 19, 2022 Approved


PINS: Apr 13, 2018 | Public Review: Jan 21, 2022 | Final Action: Apr 9, 2022 Approved


Approved American National Standards

NFPA (National Fire Protection Association)
One Batterymarch Park, Quincy, MA 02169 | w: www.nfpa.org


NFRC (National Fenestration Rating Council)
6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | w: www.nfrc.org


ANSI/NFRC 100-2023 (EA00), Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2020 (EA02)) Public Review: May 5, 2023 | Final Action: Jun 29, 2023 Approved


NICA (National Infusion Center Association)
3307 Northland Drive, Suite 160, Austin, TX 78731 | w: https://infusioncenter.org/


NIRMA (Nuclear Information and Records Management Association)
245 Sunnyridge Avenue, #41, Fairfield, CT 06824 | w: https://www.nirma.org


NISO (National Information Standards Organization)
3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 | w: www.niso.org


NISO (National Information Standards Organization)
3600 Clipper Mill Road, Suite 302, Baltimore, MD  21211 | w: www.niso.org


NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)
100 Bureau Drive, Stop 8900, NIST, Gaithersburg, MD  20899-8900 | w: www.nist.gov


NPPC (National Pork Producers Council)
P.O. Box 10383, Des Moines, IA  50306 | w: www.nppc.org

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NPPC (National Pork Producers Council)
P.O. Box 10383, Des Moines, IA 50306 | w: www.nppc.org


NSAA (ASC B77) (National Ski Areas Association)
133 S Van Gordon Street, Suite 300, Lakewood, CO 80228


NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | w: www.nsf.org

- ANSI/NSC 373-2017 (i1r1), Sustainable Production of Natural Dimension Stone (revision and redesignation of ANSI/NSC 373-2014 (i2r1)) Public Review: Feb 17, 2017 | Final Action: Aug 8, 2017 Approved


ANSI/NSF 140-2019 (i27r2), Sustainability Assessment for Carpet (revision of BSR/NSF 140-201x (i27r1)) Public Review: Dec 14, 2018 | Final Action: Feb 6, 2019 Approved


Approved American National Standards

NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI  48105-9723 | w: www.nsf.org

- ANSI/NSF 244-2018 (i1r15), Supplemental Microbiological Water Treatment Systems - Filtration (new standard) PINS: Aug 1, 2003 | Public Review: Mar 9, 2018 | Final Action: Apr 23, 2018 Approved
- ANSI/NSF 244-2019 (i4r11), NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018A) Public Review: Jun 21, 2019 | Final Action: Jul 22, 2019 Approved
- ANSI/NSF 244-2021 (i12r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019) Public Review: Jan 1, 2021 | Final Action: May 20, 2021 Approved
- ANSI/NSF 244-2022 (i15r2), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2021) Public Review: Mar 25, 2022 | Final Action: May 9, 2022 Approved
- ANSI/NSF 244-2019 (i5r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018) Public Review: Jul 13, 2018 | Final Action: Aug 13, 2018 Approved
- ANSI/NSF 244-2022 (i20r2), Supplemental Microbiological Water Treatment Systems -Filtration (revision of ANSI/NSF 244-2021) Public Review: Oct 14, 2022 | Final Action: Nov 15, 2022 Approved
ANSI/NSF 244-2022 (i21r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021) Public Review: Oct 25, 2022 | Final Action: Nov 5, 2023 Approved


ANSI/NSF 244-2023 (i16r2), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2022) Public Review: Sep 1, 2023 | Final Action: Oct 2, 2023 Approved

ANSI/NSF 245-2018 (i13r1), Wastewater Treatment Systems Nitrogen Reduction (revision and redesignation of ANSI/NSF 245-2010 (i4)) Public Review: Mar 16, 2018 | Final Action: Apr 15, 2018 Approved


ANSI/NSF 25-2022 (i10r6), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2021) Public Review: Apr 22, 2022 | Final Action: Jun 1, 2022 Approved


ANSI/NSF 305-2016 (i26r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2014) Public Review: Jul 1, 2016 | Final Action: Sep 8, 2016 Approved


ANSI/NSF 35-2018 (i25r1), NSF/ANSI 350: Onsite residential and commercial water reuse treatment systems (revision of BSR/NSF 350-201x (i25r1)) Public Review: Dec 8, 2017 | Final Action: Jan 5, 2018 Approved


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NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | w: www.nsf.org

- ANSI/NSF 4-2019 (i29r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2016)
  Public Review: Apr 26, 2019 | Final Action: Sep 5, 2019 Approved
- ANSI/NSF 4-2020 (i30r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)
  Public Review: Sep 18, 2020 | Final Action: Nov 6, 2020 Approved
- ANSI/NSF 4-2021 (i31r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)
  Public Review: Jan 22, 2021 | Final Action: Mar 8, 2021 Approved
- ANSI/NSF 4-2022 (i32r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
  Public Review: Jun 18, 2021 | Final Action: Dec 22, 2022 Approved
- ANSI/NSF 4-2023 (i35r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
  Public Review: Feb 17, 2023 | Final Action: Apr 3, 2023 Approved
  Public Review: Dec 22, 2017 | Final Action: Jan 26, 2018 Approved
- ANSI/NSF 40-2019 (i33r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
  Public Review: Mar 15, 2019 | Final Action: Apr 19, 2019 Approved
  Public Review: Mar 27, 2020 | Final Action: Dec 17, 2020 Approved
- ANSI/NSF 40-2020 (i38r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)
- ANSI/NSF 40-2021 (i36r1), NSF 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
  Public Review: Jan 31, 2020 | Final Action: Jan 4, 2021 Approved
- ANSI/NSF 40-2022 (i43r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
  Public Review: Mar 4, 2022 | Final Action: Apr 3, 2022 Approved
- ANSI/NSF 4-2021 (i21r8), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)
  Public Review: Apr 16, 2021 | Final Action: May 20, 2021 Approved
- ANSI/NSF 4-2021 (i32r2), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)
  Public Review: Mar 5, 2021 | Final Action: Apr 4, 2021 Approved
- ANSI/NSF 4-2022 (i34r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
  Public Review: Aug 19, 2022 | Final Action: Dec 2, 2022 Approved
- ANSI/NSF 40-2018 (i29r1), NSF/ANSI 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40 -2009 (i19))
  Public Review: Mar 10, 2018 | Final Action: Apr 3, 2018 Approved
  Public Review: Apr 19, 2019 | Final Action: May 29, 2019 Approved
- ANSI/NSF 40-2019 (i33r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
  Public Review: Apr 19, 2019 | Final Action: Jun 4, 2019 Approved
- ANSI/NSF 40-2020 (i41r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)
- ANSI/NSF 40-2022 (i42r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
  Public Review: Feb 25, 2022 | Final Action: Mar 29, 2022 Approved
- ANSI/NSF 40-2022 (i44r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
  Public Review: Jul 15, 2022 | Final Action: Sep 6, 2022 Approved


ANSI/NSF 401-2016 (i3r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014) Public Review: May 6, 2016 | Final Action: Jun 8, 2016 Approved

ANSI/NSF 401-2016 (i7r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014) Public Review: Jul 15, 2016 | Final Action: Aug 29, 2016 Approved

ANSI/NSF 401-2017 (i8r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2016) Public Review: May 12, 2017 | Final Action: Jun 13, 2017 Approved


ANSI/NSF 401-2016 (i6r1), NSF 401-2016 - Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014) Public Review: Aug 5, 2016 | Final Action: Sep 19, 2016 Approved


ANSI/NSF 401-2023 (i22r5), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2021) Public Review: Dec 2, 2022 | Final Action: Mar 30, 2023 Approved

ANSI/NSF 401-2023 (i30r3), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022) Public Review: Sep 1, 2023 | Final Action: Oct 17, 2023 Approved

ANSI/NSF 401-2023 (i32r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022) Public Review: Aug 11, 2023 | Final Action: Sep 18, 2023 Approved


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NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | w: www.nsf.org


ANSI/NSF 455-3-2022 (i34r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021) Public Review: May 27, 2022 | Final Action: Jul 1, 2022 Approved


ANSI/NSF 455-4-2018 (i1r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (new standard) PINS: Sep 5, 2014 | Public Review: Jun 15, 2018 | Final Action: Jul 30, 2018 Approved


ANSI/NSF 455-3-2023 (i37r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021) Public Review: Dec 2, 2022 | Final Action: Jan 13, 2023 Approved


ANSI/NSF 455-4-2021 (i40r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Public Review: Jun 4, 2021 | Final Action: Jul 6, 2021 Approved


ANSI/NSF 455-4-2021 (i8r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018) Public Review: Sep 7, 2018 | Final Action: Oct 7, 2018 Approved


ANSI/NSF 455-4-2021 (i40r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020) Public Review: Jun 4, 2021 | Final Action: Jul 6, 2021 Approved

ANSI/NSF 455-4-2022 (i41r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2021) Public Review: Sep 30, 2022 | Final Action: Nov 9, 2022 Approved


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ANSI/NSF 5-2016 (i5r3), Water heaters, hot water supply boilers, and heat recovery equipment (revision of ANSI/NSF 5-2012) Public Review: Dec 4, 2015 | Final Action: Jan 26, 2016 Approved


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NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | www.nsf.org


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NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | w: www.nsf.org

ANSI/NSF 62-2016 (i31r1), Drinking Water Distillation


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<td>i200r1, Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other</td>
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NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI  48105-9723 | w: www.nsf.org


NW&RA (ASC Z245) (National Waste & Recycling Association)

1550 Crystal Drive, Suite #604, Arlington, VA  22202 | w: www.wasterecycling.org


OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

75 Barett Drive, #1190, Webster, NY  14580 | w: www.OEOSC.org

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OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

75 Barett Drive, #1190, Webster, NY 14580 | w: www.OEOSC.org


OIX (OIX Association)

2093 Philadelphia Pike, #1314, Claymont, DE 19703 | w: http://www.open-ix.org


OPEI (Outdoor Power Equipment Institute)

1605 King Street, Alexandria, VA 22314 | w: www.opei.org


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OPEI (Outdoor Power Equipment Institute)
1605 King Street, Alexandria, VA  22314 | w: www.opei.org


PCI (Precast/Prestressed Concrete Institute)
200 West Adams Street, Chicago, Illinois  60606-5230 | w: wwwpci.org


PDA (Parenteral Drug Association)
Bethesda Towers, 4350 East-West Highway, Suite 600, Bethesda, MD  20814 | w: www.pda.org


PEARL (Professional Electrical Apparatus Reconditioning League)
17 Faulkner Drive, Niantic, CT  06357 | w: www.pearl1.org


PGMA (Portable Generator Manufacturers Association)
1300 Sumner Avenue, Cleveland, OH  44115-2851 | w: www.pgmaonline.com

PHTA (Pool and Hot Tub Alliance)
2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314 | w: www.PHTA.org


PLASTICS (Plastics Industry Association)
1425 K Street, NW, Suite 500, Washington, DC 20005 | w: www.plasticsindustry.org


- ANSI/PLASTICS B151.7-2013 (R2021), Safety Requirements for Extrusion Machines (reaffirmation and redesignation of ANSI/SPI B151.7-2013) PINS: Jan 18, 2019 | Public Review: Mar 5, 2021 | Final Action: Sep 24, 2021 Approved

PLATO (Portable Lights American Trade Organization)
2279 Gordon Avenue, St. Paul, MN 55108 | w: www.plato-usa.org


PMI (Organization) (Project Management Institute)
18 Campus Boulevard, Suite 150, Newtown Square, PA 19073 | w: www.pmi.org


PMMI (Organization) (PMMI - The Association for Packaging and Processing Technologies)
12930 Worldgate Dr, Suite 200, Herndon, VA 20170-6037 | w: www.pmmi.org


- ANSI/PMMI B151.5-2020, Safety Requirements for Plastic Film and Sheet Winding and Unwinding Machinery (new standard) PINS: Jul 20, 2018 | Public Review: Feb 15, 2019 | Final Action: Mar 5, 2020 Approved
### PRCA (Professional Ropes Course Association)

6260 East Riverside Boulevard #104, Rockford, IL 61114 | w: www.prcainfo.org


### PSAI (Portable Sanitation Association International)

1000 Westgate Drive, Suite 252, Saint Paul, MN 55114 | w: www.psaio.org


### RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

2001 K Street, NW, 3rd Floor North, Washington, DC 20006 | w: www.resna.org


RIC (Remanufacturing Industries Council)
150 Lucius Gordon Drive, Suite 127, West Henrietta, NY 14586 | w: www.remancouncil.org

ROHVA (Recreational Off-Highway Vehicle Association)
2 Jenner Street, Suite 150, Irvine, CA 92618

- ANSI/ROHVA 1-2023, Recreational Off-Highway Vehicles
  (revision of ANSI/ROHVA 1-2016) PINS: Apr 9, 2021 | Public Review: Sep 23, 2022 | Final Action: Mar 17, 2023
  Approved

RVIA (Recreational Vehicle Industry Association)
2465 J-17 Centreville Road, #801, Herndon, VA 20171 | w: www.rvia.org

- ANSI A119.5-2020, Park Model Recreational Vehicle Standard
  Approved

- RVIA EGS-1-2022, Engine Generator Sets for Recreational Vehicle Safety Requirements
  Approved

- RVIA EXTLAD-1-2019, Recommended Practice Laboratory Test Procedures for Exterior Ladders on Recreational Vehicles
  Approved

- RVIA RVEC-1-2021, Recommended Practice Testing Requirements of Exterior Components for Recreational Vehicles
  Approved

- RVIA UPA-1-2019, Uniform Plan Approval Recreational Vehicles (revision of ANSI/RVIA UPA-1-2014) PINS: Apr 13, 2018
  | Public Review: Feb 1, 2019 | Final Action: Mar 8, 2019
  Approved

  Approved

- RVIA TSIC-1-2018 (R2023), Recommended Practice Process Controls for Assembly of Wheels on Trailers
  Approved

SAAMI (Sporting Arms and Ammunition Manufacturers Institute)
6 Corporate Drive, Suite 650, Shelton, CT 06484 | w: www.saami.org

- ANSI/SAAMI Z299.1-2015 (R2018), Voluntary Industry Performance Standards for Pressure and Velocity of Rimfire
  Sporting Ammunition for Use by Commercial Manufacturers (reaffirmation of ANSI/SAAMI Z299.1-2015) PINS: May 12,
  2017 | Public Review: Nov 9, 2018 | Final Action: Jun 13, 2018
  Approved

- ANSI/SAAMI Z299.2-2019, Voluntary Industry Performance Standards for Pressure and Velocity of Shotshell
  Ammunition for the Use of Commercial Manufacturers. (revision of ANSI/SAAMI Z299.2-2015) PINS: Mar 16, 2018
  Approved

- ANSI/SAAMI Z299.3-2022, Voluntary Industry Performance Standards for Pressure and Velocity of Centerfire Pistol and
  Revolver Ammunition for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.3-2015)
  Approved

- ANSI/SAAMI Z299.4-2015, Voluntary Industry Performance Standards for Pressure and Velocity of Centerfire Rifle
  Sporting Ammunition for Use by Commercial Manufacturers (new standard) PINS: Mar 25, 2005 | Public Review: Nov 9,
  2018 | Final Action: Dec 14, 2015
  Approved

- ANSI/SAAMI Z299.5-2023, Voluntary Industry Performance Standards Criteria for Evaluation of New Firearms Designs
  Under Conditions of Abusive Mishandling for the Use of Commercial Manufacturers (revision of ANSI/SAAMI
  Z299.5-2016) PINS: Apr 1, 2022 | Public Review: Aug 4, 2023 | Final Action: Sep 25, 2023
  Approved
SAE (SAE International)

755 West Big Beaver Road, Suite 1600, Troy, MI 48084 | w: www.sae.org


SAIA (ASC A11) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | w: www.saiaonline.org


SAIA (ASC A92) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | w: www.saiaonline.org


SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | w: www.scte.org

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SCTE (Society of Cable Telecommunications Engineers)
140 Philips Road, Exton, PA 19341-1318 | w: www.scte.org


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SCTE (Society of Cable Telecommunications Engineers)
140 Philips Road, Exton, PA 19341-1318 | w: www.scte.org


ANSI/SCTE 220-4-2022, DOCSIS 3.1 Part 4: CCAP OSSI Specification (revision of ANSI/SCTE 220-4-2016) PINS: May 6, 2022 Approved


Approved American National Standards

ANSI/SCTE 244-2018, Specification for Braided 75 Series Quad Shield Coaxial Cable for Connectivity and Dense CCAP/Edge QAM Applications (new standard) PINS: Jan 17, 2014 | Public Review: Mar 2, 2018 | Final Action: May 22, 2018 Approved


Approved American National Standards

The data in this document is reported as of Monday, December 18, 2023

SDI (ASC A250) (Steel Door Institute)
30200 Detroit Road, Westlake, OH 44145 | w: www.wherryassocsteeldoor.org


SDI (Canvass) (Steel Deck Institute)
1731 NW 6th Street, Suite D, Gainesville, FL 32609 | w: www.sdi.org


SERI (Sustainable Electronics Recycling International)
P.O. Box 721, Hastings, MN 55033 | w: www.sustainableelectronics.org


SIA (Security Industry Association)
8455 Colesville Road, Suite 1200, Silver Spring, MD 20910 | w: www.siaonline.org


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SIMA (Snow and Ice Management Association)
10140 N. Port Washington Road, Milwaukee, WI 53092 | w: http://www.sima.org


SJI (Steel Joist Institute)
140 W. Evans Street, Suite 203, Florence, SC 29501 | w: www.steeljoist.org


SMACNA (Sheet Metal and Air-Conditioning Contractors’ National Association)
4201 Lafayette Center Drive, Chantilly, VA 20151-1219 | w: www.smacna.org


SPRI (Single Ply Roofing Industry)
465 Waverley Oaks Road, Suite 421, Waltham, MA 02452 | w: www.spri.org

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SPRI (Single Ply Roofing Industry)
465 Waverley Oaks Road, Suite 421, Waltham, MA 02452 | w: www.spri.org


  PINS: Jun 15, 2018 | Public Review: Nov 8, 2019 | Final Action: Jan 6, 2020 Approved


SVIA (Specialty Vehicle Institute of America)
2 Jenner, Suite 150, Irvine, CA 92618

- ANSI/SVIA 1-2023, Four Wheel All-Terrain Vehicles (revision of ANSI/SVIA 1-2017)
  PINS: Apr 9, 2021 | Public Review: Sep 23, 2022 | Final Action: Mar 17, 2023 Approved

TAPPI (Technical Association of the Pulp and Paper Industry)
15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | w: www.tappi.org

- ANSI/TAPPI T 1006 sp-2010 (R2022), Testing of fiber glass mats: use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, and thickness (reaffirmation of ANSI/TAPPI T 1006 sp-2010)

- ANSI/TAPPI T 1008 sp-2015, Test conditions for fiber glass mat test methods (revision of ANSI/TAPPI T 1008 sp-2010)

- ANSI/TAPPI T 1011 om-2023, Basis weight of fiber glass mats (new standard)
  PINS: May 17, 2019 | Public Review: Apr 7, 2023 | Final Action: Jun 12, 2023 Approved

- ANSI/TAPPI T 1013 om-2010 (R2022), Loss on ignition of fiber glass mats (reaffirmation of ANSI/TAPPI T 1013 om-2010)

- ANSI/TAPPI T 1007 sp-2015 (R2022), Sample location for fiber glass mat sheets (reaffirmation of ANSI/TAPPI T 1007 sp-2015)

- ANSI/TAPPI T 1009 om-2022, Tensile strength and elongation at break for fiber glass mats (new standard)

- ANSI/TAPPI T 1012 om-2023, Moisture content of fiber glass mats (revision of ANSI/TAPPI T 1012 om-2015)
  PINS: Oct 21, 2022 | Public Review: Apr 7, 2023 | Final Action: Jun 12, 2023 Approved

- ANSI/TAPPI T 1015 sp-2010 (R2015), Fiber glass mat uniformity (visual defects)


ANSI/TAPPI T 1214 sp-2022, Interrelation of reflectance, R0; reflectivity, R; TAPPI opacity, C0.89; scattering, s; and absorption, k (new standard) PINS: Dec 10, 2021 | Public Review: Aug 26, 2022 | Final Action: Oct 28, 2022 Approved


ANSI/TAPPI T 1217 sp-2012 (R2023), Photometric linearity of optical properties instruments (reaffirmation of ANSI/TAPPI T 1217 sp-2012 (R2018)) PINS: May 13, 2022 | Public Review: Apr 7, 2023 | Final Action: Jun 12, 2023 Approved


ANSI/TAPPI T 400 sp-2022, Sampling and accepting a single lot of paper, paperboard, containerboard, or related product (new standard) PINS: Jan 22, 2021 | Public Review: Jan 28, 2022 | Final Action: Jun 16, 2022 Approved


ANSI/TAPPI T 540 om-2016 | Public Review: Jan 28, 2022 | Final Action: Jun 14, 2022 Approved


ANSI/TAPPI T 566 om-2021, Bending resistance (stiffness) of paper (Taber-type tester in 0 to 10 Taber stiffness unit configuration) (new standard) PINS: May 17, 2019 | Public Review: Aug 20, 2021 | Final Action: Nov 2, 2021 Approved

ANSI/TAPPI T 568 om-2012 (R2023), Physical area of subvisible contraries in pulp, paper and paperboard by image analysis (reaffirmation of ANSI/TAPPI T 568 om-2012 (R2018)) PINS: Jun 3, 2022 | Public Review: Apr 7, 2023 | Final Action: Jun 12, 2023 Approved


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**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | w: www.tappi.org


**TCATA (Textile Care Allied Trades Association)**

27251 Wesley Chapel Boulevard, Suite 311, Wesley Chapel, FL 33544 | w: www.tcata.org


**TCIA (ASC A300) (Tree Care Industry Association)**

136 Harvey Road, Suite 101, Londonderry, NH 03053 | w: www.treecareindustry.org


**TCNA (ASC A108) (Tile Council of North America)**

100 Clemson Research Blvd., Anderson, SC 29625 | w: www.tcnatile.com


- ANSI A108.01-2021a, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2021) Public Review: Apr 2, 2021 | Final Action: May 18, 2021 Approved


Approved American National Standards

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TIA (Telecommunications Industry Association)
1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | w: www.tialine.org


TMA (The Monitoring Association)

7918 Jones Branch Drive, Suite 510, McLean, VA 22102 | w: www.tma.us

ANSI/TMA AVS-01-2023, Alarm Validation Scoring Standard (new standard) PINS: May 1, 2020 | Public Review: Jul 15, 2022 | Final Action: Jan 9, 2023 Approved

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**TNI (The NELAC Institute)**

P.O. Box 2439, Weatherford, TX  76086 | w: www.NELAC-Institute.org

- ANSI/FSMO-V1-2016, General Requirements for Field Sampling and Measurement Organizations *(new standard)*

- ANSI/TNI EL-V1-2016, Management and Technical Requirements for Laboratories performing Environmental Analysis *(revision of ANSI/TNI EL-V1-2009)*

- ANSI/TNI EL-V2-2016, General Requirements for Accreditation Bodies Accrediting Environmental Laboratories *(revision of ANSI/TNI EL-V2-2009)*

**TPI (Truss Plate Institute)**

2670 Crain Highway, Suite 203, Waldorf, MD  20601 | w: www.tpinst.org


**TVC (ASC Z80) (The Vision Council)**

225 Reinekers Lane, Suite 700, Alexandria, VA  22314 | w: www.z80asc.com


- ANSI Z80.11-2012 (R2022), Laser Systems for Corneal Reshaping *(reaffirmation of ANSI Z80.11-2012 (R2017))*


- ANSI Z80.18-2016 (R2021), Ophthalmics - Contact Lens Care Products - Vocabulary, Performance Specifications, And Test Methodology *(reaffirmation of ANSI Z80.18-2016)*
  - Public Review: Jun 18, 2021 | Final Action: Sep 9, 2021 Approved


- ANSI Z80.10-2018 (R2023), Ophthalmics - Ophthalmic Instruments - Tonometers *(reaffirmation of ANSI Z80.10-2018)*


- ANSI Z80.17-2013 (R2023), Ophthalmics - Focimeters *(reaffirmation of ANSI Z80.17-2013 (R2018))*

- ANSI Z80.1.20-2016 (R2021), Ophthalmics - Contact Lenses - Standard Terminology, Tolerances, Measurements And Physicochemical Properties *(reaffirmation of ANSI Z80.1.20-2016)*
  - Public Review: Jun 18, 2021 | Final Action: Sep 9, 2021 Approved


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**TVC (ASC Z80) (The Vision Council)**

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | w: www.z80asc.com


**UAMA (ASC B7) (Unified Abrasives Manufacturers’ Association)**

30200 Detroit Road, Cleveland, OH 44145-1967 | w: www.uama.org


**UAMA (ASC B74) (Unified Abrasives Manufacturers’ Association)**

30200 Detroit Road, Cleveland, OH 44145-1967 | w: www.uama.org


UL 103-2012 (R2021), Standard for Safety for Factory-Built Chimneys for Residential Type and Building Heating Appliances (reaffirmation of ANSI/UL 103-2012 (R2017)) Public Review: Jul 9, 2021 | Final Action: Sep 24, 2021 Approved


UL 104-2023, Standard for Safety for Elevator Door Locking Devices and Door or Gate Closed Detection Means (revision of ANSI/UL 104-2016 (R2020)) Public Review: Jun 23, 2023 | Final Action: Nov 30, 2023 Approved


UL 1012-2012 (R2021), Standard for Safety for Power Units Other Than Class 2 (reaffirmation of ANSI/UL 1012-2012 (R2016)) Public Review: Jan 22, 2021 | Final Action: Mar 30, 2021 Approved


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UL 121203-2021, Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations (revision of ANSI/UL 121203-2011 (R2015)) Public Review: Sep 25, 2020 | Final Action: Jan 14, 2021 Approved


UL 122001-2009 (R2023), 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 (R2019)) Public Review: Jun 2, 2023 | Final Action: Aug 1, 2023 Approved
UL 12402-5-2023, Standard for Personal Flotation Devices -
UL 12402-6-2023, Standard for Personal Flotation Devices -
UL 12402-4-2020, Standard for Personal Flotation Devices -
UL 12402-5-2022, Standard for Personal Flotation Devices -
UL 12402-9-2021, Standard for Personal Flotation Devices -


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UL 140-2008 (R2023), Standard for Relocking Devices for Safes and Vaults (reaffirmation of ANSI/UL 140-2008 (R2018)) Public Review: Mar 17, 2023 | Final Action: May 17, 2023 Approved


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UL 1666-2012 (R2021), Standard for Safety for Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts (reaffirmation of ANSI/UL 1666-2012 (R2017)) Public Review: Jul 9, 2021 | Final Action: Sep 24, 2021 Approved


UL 1676-2013 (R2022), Conductive-Path and Discharge-Path Resistors for Use in Radio-, Video-, or Television-Type Appliances (reaffirmation of ANSI/UL 1676-2013) Public Review: May 6, 2022 | Final Action: Aug 1, 2022 Approved


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<td>Standard for Safety for Automatic Sprinklers for Fire-Protection Service</td>
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<td>22 May 2020</td>
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<td>Standard for Safety for General-Use Snap Switches</td>
<td>2 February 2018</td>
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<td>Nonmetallic Underground Conduit with Conductors</td>
<td>24 March 2023</td>
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UL 2127-2017, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127 -2016) Public Review: Sep 9, 2016 | Final Action: May 9, 2017 Approved


UL 2152-2021, Standard for Special Purpose Nonmetallic Containers and Tanks for Specific Combustible or Noncombustible Liquids (new standard) PINS: Jun 15, 2018 | Public Review: Jul 17, 2020 | Final Action: Jan 26, 2021 Approved


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ULSE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC  27709-3995 | w: https://ulse.org/


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ULSE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: https://ulse.org/

- UL 2420-2021, Standard for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2420-2014 (R2016)) Public Review: Dec 18, 2020 | Final Action: Apr 30, 2021 Approved
UL 2442-2023a, Standard for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2023) Public Review: May 12, 2023 | Final Action: Jul 20, 2023 Approved


UL 2448-2023, Field Installed and/or Field Connected Appliance Controls (revision of ANSI/UL 244B-2022) Public Review: Apr 28, 2023 | Final Action: Jul 14, 2023 Approved


UL 2448-2022a, Standard for Field Installed and/or Field Connected Appliance Controls (revision of ANSI/UL 244B-2022) Public Review: Apr 1, 2022 | Final Action: Jun 28, 2022 Approved


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UL 2750-2023, Standard for Safety for Wireless Power Transfer Equipment for Electric Vehicles (new standard) 


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UL 4248-11-2007 (R2023), Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse (reaffirmation of ANSI/UL 4248-11-2007 (R2018)) Public Review: Apr 21, 2023 | Final Action: Jun 8, 2023 Approved
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ULSE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: https://ulse.org/


Public Review: May 13, 2022 | Final Action: Jul 29, 2022 Approved

UL 443-2008 (R2023), Standard for Safety for Steel Auxiliary Tanks for Oil-Burner Fuel (reaffirmation of ANSI/UL 443 -2008 (R2018)) Public Review: May 19, 2023 | Final Action: Sep 26, 2023 Approved


UL 448C-2023, Standard for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (revision of ANSI/UL 448C-2014 (R2018)) Public Review: Oct 21, 2022 | Final Action: Jan 4, 2023 Approved


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ULSE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: https://ulse.org/

- UL 484-2018, Standard for Room Air Conditioners (revision of ANSI/UL 484-2016) Public Review: Jul 20, 2018 | Final Action: Sep 6, 2018 Approved

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UL 497C-2004 (R2022), Standard for Protectors for Coaxial Communications Circuits (reaffirmation of ANSI/UL 497C-2004 (R2017)) Public Review: Dec 17, 2021 | Final Action: Feb 7, 2022 Approved


UL 497-2004 (R2022), Protectors for Paired-Conductor Communications Circuits (reaffirmation of ANSI/UL 497 -2004 (R2017)) Public Review: May 6, 2022 | Final Action: Jul 25, 2022 Approved


UL 5085-3-2012 (R2022), Standard for Safety for Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers (reaffirmation of ANSI/UL 5085-3-2012 (R2017)) Public Review: Dec 3, 2021 | Final Action: Jan 26, 2022 Approved


UL 525-2004 (R2023), Standard for Safety for Flame Arresters (reaffirmation of ANSI/UL 525-2004 (R2017))
Public Review: Oct 14, 2022 | Final Action: Jan 17, 2023
Approved

UL 536-2021, Standard for Safety for Flexible Metallic Hose (new standard)
Approved

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UL 5B-2019, Standard for Strut-Type Channel Raceways and Fittings (revision of ANSI/UL 5B-2014) Public Review: Dec 21, 2018 | Final Action: Feb 26, 2019 Approved


UL 60745-2-8-2009 (R2023), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-8: Particular Requirements for Sanders and Sanders Other Than Disk Type (reaffirmation of ANSI/UL 60745-2-8-2009 (R2018)) Public Review: Sep 15, 2023 | Final Action: Nov 1, 2023 Approved


UL 608-2012 (R2022), Standard for Burglary Resistant Vault Doors and Modular Panels (reaffirmation of ANSI/UL 608 -2012 (R2017)) Public Review: Jan 7, 2022 | Final Action: Mar 7, 2022 Approved


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ULSE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC  27709-3995 | w: https://ulse.org/


UL 61215-1-3-2021, 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 (identical national adoption of IEC 61215-1-3 and revision of ANSI/UL 61215-1-3-2018) Public Review: May 21, 2021 | Final Action: Jul 7, 2021 Approved

UL 61215-1-4-2021, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)2 based photovoltaic (PV) modules (identical national adoption of IEC 61215-1-4 and revision of ANSI/UL 61215-1-4-2018) Public Review: May 21, 2021 | Final Action: Jul 7, 2021 Approved


UL 62817-2023, Photovoltaic systems - Design qualification of solar trackers (identical national adoption of IEC 62817) Public Review: May 5, 2023 | Final Action: Sep 22, 2023


UL 62841-3-1-2022, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Part 3-1: Particular Requirements For Transportable Table Saws (revision of ANSI/UL 62841-3-1-2017) Public Review: Feb 4, 2022 | Final Action: Jun 10, 2022 Approved


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) Public Review: Apr 13, 2018 | Final Action: Jun 22, 2018 Approved

UL 62841-3-5-2023, Standard for Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-5: Particular requirements for transportable band saws (identical national adoption of IEC 62841-3-5) PINS: Jul 15, 2022 | Public Review: Jan 6, 2023 | Final Action: May 26, 2023 Approved


UL 62841-4-6-2023, UL Standard for Electric Motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums (identical national adoption of IEC 62841-4-6) Public Review: Apr 14, 2023 | Final Action: Sep 29, 2023 Approved

UL 62841-4-3-2023, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 4-3: Particular Requirements For Pedestrian Controlled Walk-Behind Lawnmowers (national adoption with modifications of IEC 62841-3-4) PINS: Apr 26, 2019 | Public Review: Mar 17, 2023 | Final Action: Jun 23, 2023 Approved

UL 62841-4-5-2023, Standard for Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-5: Particular requirements for grass shears (identical national adoption of IEC 62841-4-5) PINS: Jul 15, 2022 | Public Review: Jul 28, 2023 | Final Action: Nov 30, 2023 Approved


UL 635-2012 (R2021), Standard for Safety for Insulating Bushings (reaffirmation of ANSI/UL 635-2012 (R2016))
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• UL 697-2012 (R2021), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012 (R2016)) Public Review: May 14, 2021 | Final Action: Jul 1, 2021 Approved


UL 719-2023a, Nonmetallic-Sheathed Cable (revision of ANSI/UL 719-2023) Public Review: Aug 25, 2023 | Final Action: Nov 7, 2023 Approved


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- UL 746B-2017, Standard for Safety for Polymeric Materials –
- UL 746B-2018a, Standard for Safety for Polymeric Materials –
- UL 746B-2018c, Standard for Safety for Polymeric Materials –
- UL 746B-2019, Standard for Safety for Polymeric Materials –
- UL 746B-2020, Standard for Safety for Polymeric Materials –
- UL 746B-2021, Standard for Safety for Polymeric Materials –
- UL 746B-2022, Standard for Safety for Polymeric Materials –
- UL 746C-2020, Standard for Safety for Polymeric Materials –
- UL 746C-2022, Standard for Safety for Polymeric Materials –
- UL 746C-2023a, Standard for Safety for Polymeric Materials –
- UL 746D-2021, Standard for Safety for Polymeric Materials –
- UL 746D-2023, Standard for Safety for Polymeric Materials –
- UL 746B-2018, Standard for Safety for Polymeric Materials –
- UL 746B-2018b, Standard for Safety for Polymeric Materials –
- UL 746B-2018d, Standard for Safety for Polymeric Materials –
- UL 746B-2019, Standard for Safety for Polymeric Materials –
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- UL 746B-2021a, Standard for Safety for Polymeric Materials –
- UL 746B-2022a, Standard for Safety for Polymeric Materials –
- UL 746C-2021, Standard for Safety for Polymeric Materials –
  Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2020) Public Review: May 7, 2021 | Final Action: Sep 1, 2021 Approved
- UL 746C-2023, Standard for Safety for Polymeric Materials –
- UL 746C-2023b, Standard for Safety for Polymeric Materials –
  Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2023) Public Review: Sep 8, 2023 | Final Action: Nov 30, 2023 Approved
- UL 746D-2022, Standard for Safety for Polymeric Materials –
  Fabricated Parts (revision of ANSI/UL 746D-2021) Public Review: Apr 29, 2022 | Final Action: Jun 17, 2022 Approved
- UL 746D-2023a, Standard for Safety for Polymeric Materials –
  Fabricated Parts (revision of ANSI/UL 746D-2023) Public Review: May 12, 2023 | Final Action: Jul 20, 2023 Approved


UL 752-2023, Standard for Bullet-Resisting Equipment (revision of ANSI/UL 752-2006 (R2021)) Public Review: Jun 9, 2023 | Final Action: Oct 17, 2023 Approved


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UL 82-2023, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2021) Public Review: Sep 23, 2022 | Final Action: Jan 18, 2023 Approved


Approved American National Standards

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: https://ulse.org/


UL 920001-2011 (R2021), Standard for Safety for Performance Requirements for Toxic Gas Detectors (reaffirmation of ANSI/UL 920001-2011 (R2015))
Public Review: Mar 19, 2021 | Final Action: Jun 14, 2021 Approved

UL 920004-2014 (R2022), Standard for Safety for Performance Requirements for Open Path Toxic Gas Detectors (reaffirmation of ANSI/UL 920004-2014 (R2017))
Public Review: Sep 24, 2021 | Final Action: Jan 13, 2022 Approved

UL 921-2016, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2012)

Public Review: Sep 13, 2019 | Final Action: Jan 30, 2020 Approved

UL 923-2019a, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017b)

UL 923-2023, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2020)
Public Review: May 12, 2023 | Final Action: Sep 26, 2023 Approved

UL 935-2014 (R2018), Standard for Fluorescent-Lamp Ballasts (reaffirmation of ANSI/UL 935-2014)
Public Review: Nov 2, 2018 | Final Action: Dec 18, 2018 Approved

Public Review: May 1, 2020 | Final Action: Jun 11, 2020 Approved

Public Review: Jan 22, 2021 | Final Action: May 6, 2021 Approved

Public Review: Feb 11, 2022 | Final Action: Apr 1, 2022 Approved

Public Review: Apr 1, 2022 | Final Action: May 10, 2022 Approved

Public Review: Jun 25, 2021 | Final Action: Sep 24, 2021 Approved

Public Review: Jan 21, 2022 | Final Action: Mar 15, 2022 Approved

Public Review: Dec 16, 2016 | Final Action: Sep 20, 2017 Approved

UL 923-2019, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017b)

UL 923-2020, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2019)

Public Review: Oct 21, 2022 | Final Action: Dec 14, 2022 Approved


Public Review: Jan 8, 2021 | Final Action: Mar 22, 2021 Approved

Public Review: Feb 4, 2022 | Final Action: Mar 11, 2022 Approved

UL 94-2023, Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2022)
Public Review: Dec 30, 2022 | Final Action: Feb 28, 2023 Approved


UL 96-2023, Standard for Safety for Lighting Protection Components (revision of ANSI/UL 96-2016) Public Review: Jan 20, 2023 | Final Action: May 9, 2023 Approved


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<td>ANSI C63.10 Corrigendum-2023</td>
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USEMCSC (United States EMC Standards Corp.)
32515 Nottingham Court, P.O. Box 367, Lindstrom, MN 55045


USTMA (U.S. Tire Manufacturers Association)
1400 K Street, NW, Suite 900, Washington, DC 20005 | w: www.ustires.org


VITA (VMEbus International Trade Association (VITA))
929 W. Portobello Avenue, Mesa, AZ 85210 | w: www.vita.com


- ANSI/VITA 1.3-1997 (S2021), VME64x 9U x 400mm Format (stabilized maintenance of ANSI/VITA 1.3-1997 (R2003)) Public Review: Oct 24, 2008 | Final Action: Nov 4, 2011 Approved
Approved American National Standards

VITA (VMEbus International Trade Association (VITA))
929 W. Portobello Avenue, Mesa, AZ  85210 | w: www.vita.com


The data in this document is reported as of Monday, December 18, 2023

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WCMA (Window Covering Manufacturers Association)
355 Lexington Avenue, 15th Floor, New York, NY  10017-6603 | w: www.wcmanet.org

- ANSI/WCMA A100.1-2022, Standard for Safety of Window Covering Products (revision of ANSI/WCMA A100.1-2018)

WDMA (Window and Door Manufacturers Association)
2001 K Street NW, Suite 300, Washington, DC  20006 | w: www.wDMA.com


WMA (World Millwork Alliance)
10047 Robert Trent Jones Parkway, New Port Richey, FL  34655 | w: http://worldmillworkalliance.com


WMMA (ASC O1) (Wood Machinery Manufacturers of America)
2331 Rock Spring Road, Forest Hill, MD  21050 | w: www.wmma.org

- ANSI/WMMA O1.1.4-2015 (R2022), Safety Requirements for CNC Machining Centers for the Woodworking Industry (reaffirmation of ANSI/WMMA O1.1-3-2014) Public Review: Sep 10, 2021 | Final Action: Mar 18, 2022 Approved

X12 (X12 Incorporated)
24654 N. Lake Pleasant Pkwy., Suite 103  #275, Peoria, AZ  85383 | w: www.x12.org

- ANSI X12 Series, A collection of all ANSI-approved X12 standards. Individual X12 standards not available separately (revision, redesignation and consolidation of ) Final Action: Oct 16, 2015 Approved