Approved American National Standards

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

Listed below are Approved American National Standards (ANS) as of 11/27/2023. 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


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


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


Approved American National Standards

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

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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


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


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


ANSI/AAMI/ISO 17664-2-2022, Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices — Part 2: Non-critical medical devices (identical national adoption ISO 17664-2:2021)

ANSI/AAMI/ISO 18241-2016, Cardiovascular implants and extracorporeal systems - Cardiopulmonary bypass systems - Venous bubble traps (identical national adoption of ISO 18241)

ANSI/AAMI/ISO 18242-2016, Cardiovascular implants and extracorporeal systems - Centrifugal blood pumps (identical national adoption of ISO 18242)

PINS: Jul 1, 2016 | Public Review: Sep 6, 2019 | Final Action: Jan 28, 2020 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 Approved


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


AARST (American Association of Radon Scientists and Technologists)
527 N. Justice Street, Hendersonville, NC 28793 | 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


ABMA (ASC B3) (American Bearing Manufacturers Association)
1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | w: www.americanbearings.org


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

- ANSI/ACCA 3 Manual S-2023, Residential Equipment
  Selection (revision of ANSI/ACCA 3 Manual S-2014) PINS:
  Dec 28, 2018 | Public Review: Jul 21, 2023 | Final Action: Sep 7, 2023 Approved

- ANSI/ACCA 5 QI-2015, HVAC Quality Installation Specifications
  (revision of ANSI/ACCA 5 QI-2010) PINS: May 17, 2013 |
  Public Review: May 1, 2015 | Final Action: Jun 19, 2015 Approved

- ANSI/ACCA 9 QIvp Standard-2016, HVAC Quality Installation
  Verification Protocols (revision of ANSI/ACCA 9 QIvp-2011)
  PINS: May 2, 2014 | Public Review: Jan 22, 2016 | Final
  Action: Apr 20, 2016 Approved

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

- ANSI/ACCT 03-2019, Challenge Course and Canopy/Zip Line
  Tours Standards (revision of ANSI/ACCT 03-2016) PINS: Oct
  6, 2017 | Public Review: Dec 7, 2018 | Final Action: Jul 18, 2019 Approved

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

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

  Composites Grating Manual for Pultruded and Molded
  Grating and Stair Treads (revision and redesignation of

- ANSI/ACMA/UCSC-FRP Composite Utility Poles-1-2018,
  Standard Specification for FRP Composite Utility Poles (new
  standard) PINS: Mar 25, 2016 | Public Review: Dec 1,
  2017 | Final Action: Sep 13, 2018 Approved

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

- ANSI/ACP 1000-2.1-2023, Rescue and Fall Protection
  Standard: Definitions and Nomenclatures (new standard)
  PINS: May 21, 2021 | Public Review: Jan 28, 2022 | Final
  Action: Sep 29, 2023 Approved

- ANSI/ACP 101-1-2021, The Small Wind Turbine Standard
  (new standard) PINS: Jun 12, 2020 | Public Review: May
  21, 2021 | Final Action: Dec 21, 2021 Approved

- ANSI/ACP 1000-2.2-2023, Rescue and Fall Protection
  Standard: Rescue Training Requirements (new standard)
  PINS: May 21, 2021 | Public Review: Jan 28, 2022 | Final
  Action: Sep 29, 2023 Approved

- 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

- ANSI/ACP 111-1-2022, Wind Turbine Sound Modeling (new
  standard) PINS: Sep 17, 2021 | Public Review: Dec 3,
  2021 | Final Action: Mar 24, 2022 Approved

- ANSI/ACP 5000-1-2022, The Wind Workforce Definitions
  2020 (new standard) PINS: May 15, 2020 | Public Review:
  Jun 26, 2020 | Final Action: Mar 8, 2022 Approved

- ANSI/ACP 5000-2-2022, Wind Tech Entry-Level Minimum
  Standard (new standard) PINS: May 15, 2020 | Public
Approved American National Standards

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


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


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


- ANSI B109.4-2021, Self-Operated Diaphragm-Type Natural Gas Service Regulators For Nominal Pipe Size 1 inches (32 mm) and smaller with outlet pressures of 2 psi (13.8 kPa) and less (revision of ANSI B109.4-2017) Public Review: Jul 9, 2021 | Final Action: Oct 22, 2021 Approved

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


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

- ANSI/AGSC/AGRSS 005-2022, Auto Glass Safety
  Council/Automotive Glass Replacement Safety Standard
  005 (revision and redesignation of ANSI/AGSC/AGRSS 004
  -2018) Public Review: May 27, 2022 | Final Action: Jul 21,
  2022 Approved

- ANSI/AGSC/NWRD/ROLAGS 002-2022, Auto Glass Safety
  Council/National Windshield Repair Division/Repair of
  Laminated Auto Glass Standard 002 (new standard) PINS:
  Oct 15, 2021 | Public Review: Sep 2, 2022 | Final Action:
  Dec 8, 2022 Approved

AHAM (Association of Home Appliance Manufacturers)

1111 19th Street NW, Suite 1150, Washington, DC 20036 | w: www.aham.org

- ANSI/AHAM AC-1-2020, Method for Measuring Performance
  of Portable Household Electric Room Air Cleaners (revision
  Approved

- ANSI/AHAM AC-5-2022, Method for Assessing the Reduction
  Rate of Key Bioaerosols by Portable Air Cleaners Using an
  Aerobiology Test Chamber (new standard) PINS: Oct 30,
  2020 | Public Review: May 20, 2022 | Final Action: Nov 18,
  2022 Approved

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | w: www.ahrinet.org

- ANSI/AHRI Standard 1120-2012 (R2021), Acoustical Test
  Methods and Sound Power Rating Procedures for Transport
  Refrigeration Equipment (new standard) PINS: Aug 3, 2018
  | Public Review: May 21, 2021 | Final Action: Jun 9, 2023
  Approved

- ANSI/AHRI Standard 1161-2023 (SI), Performance Rating of
  Heat Pump Pool Heaters (revision of ANSI/AHRI Standard
  1161 (SI)-2014) PINS: Apr 1, 2022 | Public Review: Dec
  23, 2022 | Final Action: Nov 16, 2023 Approved

- ANSI/AHRI Standard 1250 (I-P)-2015, Performance Rating of
  Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard
  1250-2010) PINS: May 16, 2014 | Public Review: Feb 20,
  2015 | Final Action: May 19, 2015 Approved

- ANSI/AHRI Standard 1270 (I-P)-2015 (R2023), Requirements
  for Seismic Qualification of HVACR Equipment
  (reaffirmation of ANSI/AHRI Standard 1270 (I-P)-2015)
  Public Review: May 13, 2022 | Final Action: Jun 8, 2023
  Approved

- ANSI/AHRI Standard 1300-2013 (R2023) (I-P), Performance
  Rating of Commercial Heat Pump Water Heaters
  (reaffirmation of ANSI/AHRI Standard 1300 (I-P)-2013)
  Public Review: Jul 29, 2022 | Final Action: Aug 7, 2023
  Approved
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AHRI (Air-Conditioning, Heating, and Refrigeration Institute)
2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | w: www.ahrinet.org


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


AIAA (American Institute of Aeronautics and Astronautics)
12700 Sunrise Valley Drive, Suite 200, Reston, VA 20191-5807 | w: www.aiaa.org


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AIAA (American Institute of Aeronautics and Astronautics)
12700 Sunrise Valley Drive, Suite 200, Reston, VA  20191-5807 | w: www.aiaa.org


AISC (American Institute of Steel Construction)
130 E. Randolph Street, Suite 2000, Chicago, IL  60601-6204 | w: www.aisc.org


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


ANSI/AISI S250-21/S1-2022, Supplement 1 to the 2021 Edition of the North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing (supplement to ANSI/AISI S250-2021) PINS: Dec 17, 2021 | Public Review: Apr 1, 2022 | Final Action: May 9, 2022 Approved


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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


ANSI/ANS 15.8-1995 (R2023), Quality Assurance Program Requirements for Research Reactors  


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


ANS/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


ANS/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


ANS/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


ANSI/ANS 8.3-2022, Criticality Accident Alarm System (revision of ANSI/ANS 8.3-1997 (R2017)) PINS: Dec 1, 2017 | Public Review: Jul 8, 2022 | Final Action: Sep 9, 2022 Approved


ANSI/ANS 8.3-2022, Criticality Accident Alarm System (revision of ANSI/ANS 8.3-1997 (R2017)) PINS: Dec 1, 2017 | Public Review: Jul 8, 2022 | Final Action: Sep 9, 2022 Approved


ANSI/ANS 8.3-2022, Criticality Accident Alarm System (revision of ANSI/ANS 8.3-1997 (R2017)) PINS: Dec 1, 2017 | Public Review: Jul 8, 2022 | Final Action: Sep 9, 2022 Approved

Approved American National Standards


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


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APCO (Association of Public-Safety Communications Officials-International)
351 N. Williamson Boulevard, Daytona Beach, FL 32114-1112 | w: www.apcoIntl.org

- API (American Petroleum Institute)
200 Massachusetts Avenue NW, Washington, DC 20001 | w: www.api.org

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API (American Petroleum Institute)
200 Massachusetts Avenue NW, Washington, DC 20001 | w: www.api.org


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APTech (ASC B65) (Association for Print Technologies)
450 10th Circle N, Nashville, TN 37203 | w: www.printtechnologies.org

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

APTech (ASC CGATS) (Association for Print Technologies)
450 10th Circle N, Nashville, TN 37203 | w: www.printtechnologies.org

- 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

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ANSI/CGATS/ISO 15930-7-2010 (R2021), Graphic technology — Prepress digital data exchange using PDF Part 7: Complete exchange of printing data (PDF/X4) and partial exchange of printing data with external profile reference (PDF/X4p) using PDF 1.6 (reaffirm a national adoption ANSI/CGATS/ISO 15930-7-2010 (R2016)) Public Review: Jul 9, 2021 | Final Action: Sep 7, 2021 Approved


ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: www.acousticalsociety.org


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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)

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


ASA (ASC S2) (Acoustical Society of America)
1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: www.acousticalsociety.org


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


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ANSI/ASA S3.36-2012 (R2022), Specification for a Manikin for Simulated in-situ Airborne Acoustic Measurements (reaffirmation of ANSI/ASA S3.36-2012 (R2018)) Public Review: Oct 21, 2022 | Final Action: Dec 8, 2022 Approved


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


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


ANSI/ASABE AD4254-12-JUL2016 (R2023), Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (reaffirm a national adoption ANSI/ASABE AD4254-12-JUL2016 (R2020)) Public Review: Mar 17, 2023 | Final Action: May 9, 2023 Approved


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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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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 X9.100-150-2010 (S2022), Check Carrier Envelopes (stabilized maintenance of ANSI X9.100-150-2010 (R2017)) Public Review: Jul 29, 2022 | Final Action: Sep 22, 2022 Approved


ANSI X9.100-151-2010 (S2022), Check Correction Strips (stabilized maintenance of ANSI X9.100-151-2010 (R2017)) Public Review: Jul 29, 2022 | Final Action: Sep 23, 2022 Approved


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


  Public Review: Dec 30, 2022 | Final Action: Feb 16, 2023 Approved


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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)


ASCE (American Society of Civil Engineers)


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.)
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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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ANSI/ASHRAE Addendum 135a-2010, Energy Standard for Data Centers


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.)
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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


ANSI/ASHRAE Standard 25-2013) Classification of Refrigerants


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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The data in this document is reported as of Monday, November 27, 2023


Public Review: Jun 24, 2022 | Final Action: Sep 30, 2022 Approved

Public Review: Sep 6, 2013 | Final Action: Apr 1, 2020 Approved


Public Review: Sep 6, 2019 | Final Action: Mar 2, 2020 Approved

Public Review: Sep 6, 2019 | Final Action: Dec 16, 2020 Approved

Public Review: Sep 14, 2012 | Final Action: Jan 30, 2013 Approved

Public Review: Apr 17, 2017 | Final Action: Jul 31, 2017 Approved

Public Review: Apr 17, 2020 | Final Action: Jul 31, 2020 Approved

Public Review: Apr 17, 2020 | Final Action: Jul 31, 2020 Approved

Public Review: Apr 17, 2020 | Final Action: Jul 31, 2020 Approved

Public Review: Apr 17, 2020 | Final Action: Jul 31, 2020 Approved

Public Review: Apr 17, 2020 | Final Action: Jul 31, 2020 Approved

Public Review: Apr 17, 2020 | Final Action: Jul 31, 2020 Approved


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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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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

  Public Review: Jun 5, 2020 | Final Action: Aug 18, 2020 Approved

  Public Review: Jun 26, 2020 | Final Action: Jul 6, 2020 Approved

  Public Review: Jul 17, 2020 | Final Action: Sep 30, 2020 Approved

  Public Review: Jun 26, 2020 | Final Action: Sep 30, 2020 Approved

  Public Review: Jun 5, 2020 | Final Action: Aug 18, 2020 Approved

  Public Review: Jun 5, 2020 | Final Action: Aug 18, 2020 Approved

  Public Review: Jun 5, 2020 | Final Action: Aug 18, 2020 Approved

  Public Review: Feb 14, 2020 | Final Action: Jul 6, 2020 Approved

  Public Review: Jun 26, 2020 | Final Action: Dec 16, 2020 Approved

  Public Review: Aug 18, 2020 | Final Action: Jul 6, 2020 Approved

  Public Review: Aug 18, 2020 | Final Action: Jul 6, 2020 Approved

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(Addenda to ANSI/ASHRAE/IES Standard 90.1-2016)
Public Review: Feb 8, 2019 | Final Action: Jun 27, 2019
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(Addenda to ANSI/ASHRAE/IES Standard 90.1-2010)
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(Addenda to ANSI/ASHRAE/IES Standard 90.1-2016)
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(Addenda to ANSI/ASHRAE/IES Standard 90.1-2022)
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(Addenda to ANSI/ASHRAE/IES Standard 90.1-2010)
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Public Review: Mar 5, 2021 | Final Action: May 28, 2021
Approved

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(Addenda to ANSI/ASHRAE/IES Standard 202-2013)
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(Addenda to ANSI/ASHRAE/IES Standard 90.2-2018)
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ASME A112.18.3-2002 (R2022), Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings (reaffirmation of ANSI/ASME A112.18.3-2002 (R2017)) Public Review: Mar 11, 2022 | Final Action: May 17, 2022 Approved


ASME (American Society of Mechanical Engineers)

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


- 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 A112.3.4-2013/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 Approved


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<td>Jul 20, 2018</td>
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<td>Approved</td>
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ASME (American Society of Mechanical Engineers)
2 Park Avenue, New York, NY 10016-5990 | w: www.asme.org

- ASME B1.20.3-1976 (R2023), Dryseal Pipe Threads (revision of ANSI/ASME B1.20.3-1976 (R2018)) Public Review: Jun 9, 2023 | Final Action: Sep 25, 2023 Approved

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ASME B1.15-1997 (R2014), Acme Screw Threads

ASME B1.18-1988 (R2021), Stub Acme Screw Threads


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

- 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

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ASME B18.2.6M-2012 (R2021), Metric Fasteners for Use In Structural Applications (reaffirmation of ANSI/ASME B18.2.6M-2012) Public Review: Jul 23, 2021 | Final Action: Oct 8, 2021 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 B18.2.3.9M-2001 (R2020), Metric Heavy Hex Flange Screws (reaffirmation of ANSI/ASME B18.2.3.9M-2001 (R2014)) Public Review: Dec 13, 2019 | Final Action: Feb 24, 2020 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
ASME (American Society of Mechanical Engineers)

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


- 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: Jun 22, 2018 Approved

- 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: Jun 22, 2018 Approved

- ASME B27.7-1977 (S2021), General Purpose Tapered and Reduced Cross Section Retaining Rings (Metric) (stabilized maintenance of ANSI/ASME B27.7-1977 (R2017)) Public Review: Oct 8, 2021 | Final Action: Jun 4, 2022 Approved


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ASME (American Society of Mechanical Engineers)


- 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


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- ASME B99.1.6-2002 (R2022), Measurement of Plain Internal Diameters for Use as Master Rings or Ring Gages (reaffirmation of ANSI/ASME B99.1.6-2002 (R2017)) Public Review: Jun 24, 2022 | Final Action: Sep 1, 2022 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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ASNT (American Society for Nondestructive Testing)
1201 Dublin Road, Suite G04, Columbus, OH 43215 | w: www.asnt.org


ASPE (American Society of Plumbing Engineers)
6400 Shafer Court, Suite 350, Rosemont, IL 60018 | w: www.aspe.org

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6400 Shafer Court, Suite 350, Rosemont, IL  60018 | w: www.aspe.org


ASQ (American Society for Quality)
600 N Plankinton Avenue, Milwaukee, WI  53203 | w: www.asq.org


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- ANSI/ISO 14051:2011, Environmental management -

- ANSI/ISO/ANSI 14040:2006, Environmental management -

- ANSI/ISO/ANSI 14031:2013, Environmental management -


- ANSI/ISO/ANSI 14034-2016, Environmental management -

- ANSI/ISO/ANSI 14044:2006, Environmental management -

- ANSI/ISO/ANSI 14063:2006, Environmental management -

- ANSI/ISO/ANSI 14066:2011, Greenhouse gases -


- ANSI/ISO/ANSI 10001-2007, Quality management -

- ANSI/ISO/ANSI 10002-2004, Quality management -

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- ANSI/ISO/ANSI 10015-1999, Quality management -

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ASSP (ASC A10) (American Society of Safety Professionals)
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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


ASTM E2696-2021, Practice for Life and Reliability Testing Based on the Exponential Distribution (revision of ANSI/ASTM E2696-2009 (R2018)) Public Review: Apr 2, 2021 | Final Action: May 18, 2021 Approved


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


ASTM E3182-2020, Practice for Preparing an Occupant Exposure Screening Report (OESR) for Substances in Installed Building Products (new standard) PINS: Jul 12, 2019 | Public Review: Jun 9, 2019 | Final Action: Jan 1, 2020 Approved


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


ASTM E860-2022, Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation (new standard) PINS: Aug 6, 2021 | Public Review: Oct 8, 2021 | Final Action: Sep 1, 2022 Approved


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ASTM (ASTM International)

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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 (ASTM International)

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


- 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 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 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 Approved


ASTM F3536-2022, Specification for PE and PP Mechanical Fittings for use on NPS 3 or Smaller cold-water service Polyethylene (PE) or Crosslinked Polyethylene (PE) Pipe or Tubing (new standard) PINS: Jun 23, 2017 | Public Review: Oct 8, 2021 | Final Action: Feb 1, 2022 Approved


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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 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
- ANSI ATIS 0300217-2013 (S2023), ISDN Management - Primary Rate Physical Later (stabilized maintenance of ANSI ATIS 0300217-2013 (R2018)) Public Review: Mar 17, 2023 | Final Action: May 11, 2023 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 1000026-2008 (S2018), Session Border Controller Functions and Requirements (stabilized maintenance of ANSI ATIS 1000026-2008 (R2013)) Public Review: Nov 24, 2017 | Final Action: Feb 27, 2018 Approved


ANSI ATIS 1000625.a-1998 (S2018), Integrated Services Digital Network (ISDN) - Calling Line Identification


ANSI ATIS 1000642-2014 (R2019), ISDN - Call Deflection Supplementary Service (reaffirmation of ANSI ATIS 1000642-2014) Public Review: Jun 21, 2019 | Final Action: Sep 9, 2019 Approved


ANSI ATIS 1000648.2-2014 (R2019), ISDN Supplementary Service Normal Call Transfer (reaffirmation of ANSI ATIS 1000648.2-2014 (R2013)) Public Review: Nov 24, 2017 | Final Action: Sep 9, 2019 Approved

ANSI ATIS 1000654-1996 (S2018), Broadband ISDN - 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 1000654-1996 (R2013)) Public Review: Nov 24, 2017 | Final Action: Feb 27, 2018 Approved


ANSI ATIS 1000665-1997 (S2018), Broadband ISDN - 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 1000665-1997 (R2013)) Public Review: Nov 24, 2017 | Final Action: Sep 9, 2019 Approved


ANSI ATIS 1000678.b.v2-2010 (R2013), Supplement B to ATIS-1000678.v2.2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (stabilized maintenance of ANSI ATIS 1000678.b.v2-2010 (R2013)) Public Review: Apr 13, 2018 | Final Action: Jun 12, 2018 Approved


ANSI/ATIS 0600010.02-2012 (S2022), Equipment Handling, Transportation Vibration, and Rail Car Shock Requirements for Network Communications Equipment (stabilized maintenance of ANSI/ATIS 0600010.02-2012 (R2017)) Public Review: Jul 29, 2022 | Final Action: Sep 15, 2022 Approved


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ANSI/ATIS 0600010.01-2022, Equipment Handling, Transportation Vibration, and Rail Car Shock Requirements for Network Communications Equipment (stabilized maintenance of ANSI/ATIS 0600010.01-2022 (R2017)) Public Review: Jul 29, 2022 | Final Action: May 9, 2022 Approved


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  - Public Review: Nov 2, 2018 | Final Action: Dec 31, 2018 Approved

- ANSI/ATIS 0600401.02-2000 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Distinctive Ringing Features (stabilized maintenance of ANSI/ATIS 0600401.02-2000 (R2010))

- ANSI/ATIS 0600401.04-2000 (S2015), Network and Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with the Call Waiting, Distinctive Call Waiting, or Calling Identity Delivery on Call Waiting Feature (stabilized maintenance of ANSI/ATIS 0600401.04-2000 (R2011))

- ANSI/ATIS 0600401.05-2000 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines Using Loop-Start and Ground-Start Signaling With Line-Side Answer Supervision Feature (stabilized maintenance of ANSI/ATIS 0600401.05-2000 (R2011))

- ANSI/ATIS 0600403.01-1999 (S2015), Network and Customer Installation Interfaces - DS1 Electrical Interfaces (stabilized maintenance of ANSI/ATIS 0600403.01-1999 (R2010))

- ANSI/ATIS 0600403.02-1999 (S2015), Network and Customer Installation Interfaces - DS1 Electrical Interfaces Specification (stabilized maintenance of ANSI/ATIS 0600403.02-1999 (R2010))


- ANSI/ATIS 0600404.01-2000 (S2015), Network to Customer Installation Interfaces - Analog Voicegrade Switched Access Lines Using Loop-Start or Ground Start Signaling With Line-Side Answer Supervision Feature (stabilized maintenance of ANSI/ATIS 0600404.01-2000 (R2010))

- ANSI/ATIS 0600404.03-1998 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Calling Number Delivery, Calling Name Delivery, or Visual Message-Waiting Indicator Features (stabilized maintenance of ANSI/ATIS 0600404.03-1998 (R2010))

- ANSI/ATIS 0600404.05-2000 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Network-Implemented Coin-Operated Payphone Feature (stabilized maintenance of ANSI/ATIS 0600404.05-2000 (R2010))

- ANSI/ATIS 0600404.01-1999 (S2015), Network and Customer Installation Interfaces - (ISDN) Primary Rate Layer 1 Electrical Interfaces Specification (stabilized maintenance of ANSI/ATIS 0600404.01-1999 (R2010))

- ANSI/ATIS 0600404.02.a-2001 (S2015), Supplement to ATIS -0600404.02.1999(R2005) - Network and Customer Installation Interfaces - DS1 Robbed-bit Signaling State Definitions (stabilized maintenance of ANSI/ATIS 0600404.02.a-2001 (R2010))

- ANSI/ATIS 0600404.a-2001 (S2015), Supplement to ATIS -0600404.1999(R2007) - Network to Customer Installation Interfaces - DS1 Electrical Interfaces (stabilized maintenance of ANSI/ATIS 0600404.a-2001 (R2010))


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 0900105.06-2002 (S2015), Synchronous Optical Network (SONET): Physical Layer Specifications (stabilized maintenance of ANSI ATIS 0900105.06-2002 (R2012))

ANSI/ATIS 1000006-2005 (S2016), Signaling System No. 7 (SS7) - Emergency Telecommunications Service ETS in IP Network (stabilized maintenance of ANSI/ATIS 1000006-2005 (R2011))
Public Review: Jan 24, 2020 | Final Action: Jun 8, 2020 Approved

ANSI/ATIS 1000008-2006 (S2016), Extensions to the Narrowband Signaling Syntax (NSS) - Syntax Definition (stabilized maintenance of ANSI ATIS 1000008-2006 (R2011))
Public Review: Mar 18, 2016 | Final Action: May 13, 2016 Approved

Public Review: Sep 9, 2016 | Final Action: Nov 7, 2016 Approved


Public Review: Jan 24, 2020 | Final Action: Jun 8, 2020 Approved

ANSI/ATIS 1000045-2012 (S2022), ATIS NGN Identity Management Mechanisms (stabilized maintenance of ANSI ATIS 1000045-2012 (R2017))
Public Review: Nov 26, 2021 | Final Action: Jan 13, 2022 Approved

Public Review: Nov 24, 2017 | Final Action: Jan 24, 2018 Approved

Public Review: Jul 5, 2019 | Final Action: Sep 9, 2019 Approved

Public Review: Jan 20, 2017 | Final Action: Mar 16, 2017 Approved

Public Review: Mar 18, 2016 | Final Action: May 13, 2016 Approved

ANSI/ATIS 1000009-2016 (S2016), IP Network - To Network Interface (NNI) Standard for VoIP (stabilized maintenance of ANSI/ATIS 1000009-2016 (R2011))
Public Review: Mar 18, 2016 | Final Action: May 13, 2016 Approved

Public Review: Sep 9, 2016 | Final Action: Nov 7, 2016 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 1000044-2011 (S2021), ATIS Identity Management: Requirements and Use Case Standard (stabilized maintenance of ANSI/ATIS 1000044-2011 (R2016))
Public Review: Nov 27, 2020 | Final Action: Feb 1, 2021 Approved

ANSI/ATIS 1000050-2012 (S2022), Next Generation Network (NGN) Operator Regular Intercept Standard (stabilized maintenance of ANSI/ATIS 1000050-2012 (R2017))
Public Review: Nov 26, 2021 | Final Action: Jan 13, 2022 Approved

Public Review: Nov 26, 2021 | Final Action: Jan 13, 2022 Approved


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ANSI/ATIS 1000666-1999 (S2019), Signaling System No. 7 (SS7) - Operator Services Network Capabilities (stabilized maintenance of ANSI ATIS 1000666-1999 (R2014)) Public Review: Jun 21, 2019 | Final Action: Sep 9, 2019 Approved


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AVIXA (Audiovisual and Integrated Experience Association)
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AWPA (ASC 05) (American Wood Protection Association)
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AWS (American Welding Society)
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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: Jun 17, 2022 | Final Action: Sep 8, 2022 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 B2.1-1-022-2019, 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 B2.1-1-206-2019, 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 B2.1-1-232-2019, 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 B2.1-1-234-2020-AMD1, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7XT-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Mar 12, 2021 | Public Review: Dec 10, 2021 | Final Action: Feb 17, 2022 Approved


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, Prequalified 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 B2.1-1-8-228-2023, 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 B2.1-1-8-230-2023, 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) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 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 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 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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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 C503-2021, Wet-Barrel Fire Hydrants  
(revision of ANSI/AWWA C503-2018)  
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 C509-2023, Resilient-Seated Gate Valves for 
Water Supply Service  
(revision of ANSI/AWWA C509-2015)  
Approved

ANSI/AWWA C511-2017 (R2021), Reduced-Pressure Principle 
Backflow Prevention Assembly  
(reaffirmation of ANSI/AWWA C511-2017)  
Approved

ANSI/AWWA C514-2020, Air Valve and Vent Inflow Preventer 
Assemblies for Potable Water Distribution System and 
Storage Facilities  
(revision of ANSI/AWWA C514-2015)  
Approved

ANSI/AWWA C516-2021, Large-Diameter Rubber-Seated 
Butterfly Valves, Sizes 78 (2000 mm) and Larger  
(revision of ANSI/AWWA C516-2015)  
Approved

ANSI/AWWA C518-2018, Double-Disc Swing-Check Valves for 
Waterworks Service, 2-In. Through 48-In. (50-mm Through 
1200-mm)  
(revision of ANSI/AWWA C518-2013)  
Approved

ANSI/AWWA C520-2019, Knife Gate Valves, Sizes 2 In. (50 
mm) Through 96 In. (2,400 mm)  
(revision of ANSI/AWWA C520-2014)  
PINS: Jan 29, 2016  |  Public Review: Nov 23, 2018  |  Final Action: Feb 1, 2019  
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

ANSI/AWWA C541-2016 (R2021), Hydraulic and Pneumatic 
Cylinder and Vane-Type Actuators for Valves  
(reaffirmation of ANSI/AWWA C541-2016)  
Approved


ANSI/AWWA C900-2022, Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. Through 60 In. (100 mm Through 1,500 mm) (revision of ANSI/AWWA C900-2016) PINS: Sep 1, 2017 | Public Review: Apr 1, 2022 | Final Action: May 23, 2022 Approved

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


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 (PVCO) 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


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- ANSI B11.1.6 (MPIF 47)-2003 (R2020), Safety Requirements for Powder / Metal Compacting Presses (reaffirmation and redesignation of ANSI B11.1.6-2014) Public Review: Jul 19, 2019 | Final Action: Jan 6, 2020  
- 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  
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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

- 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)
17 Faulkner Drive, Niantic, CT 06357 | w: www.buildershardware.com

- ANSI/BHMA A156.4-2019, Standard for Door Controls - Closers (revision of ANSI/BHMA A156.4-2013) PINS: Jan 5, 2018 | Public Review: Mar 22, 2019 | Final Action: Jul 9, 2019 Approved
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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, 2020 | Public Review: Feb 8, 2021 Approved

BOMA (Building Owners and Managers Association)
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BPI (Building Performance Institute)
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BPI (Building Performance Institute)
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- BPI-1200-S, Standard Practice for Basic Analysis of Buildings  

CAGI (Compressed Air and Gas Institute)
1300 Sumner Avenue, Cleveland, OH  44115-2851 | w: www.cagi.org/welcome.htm


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)
27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL  34134 | w: www.cemanet.org

- ANSI/CEMA 403-2003 (R2015), Belt Driven Live Roller Conveyors  

- ANSI/CEMA Standard 501.1-2021, Specifications for Welded Steel Wing Pulleys  

- ANSI/CEMA Standard No. 102-2022, Conveyor Terms and Definitions  

- ANSI/CEMA Standard No. 350-2021, Screw Conveyor for Bulk Materials  


- ANSI/CEMA Standard B105.1-2021, Specification for Welded Steel Conveyor Pulleys with Compression Type Hubs  

- ANSI/CEMA Standard No. 300-2021, Screw Conveyor Dimensional Standards  

- ANSI/CEMA Standard No. 401-2020, Roller Conveyors - Non-Powered  
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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
Approved American National Standards

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CRRC (Cool Roof Rating Council)
2435 N. Lombard Street, Portland, OR 97217 | w: www.coolroofs.org


CRSI (Concrete Reinforcing Steel Institute)
933 N Plum Grove Road, Schaumburg, IL 60173 | w: www.crsi.org


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


- ANSI Z21.5-1.2-2016 (R2021), 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


Combination Gas Controls For Gas Appliances, same as
Z21.78a (addenda to ANSI Z21.78-2010 (R2020)/CSA
6.20-2010 (R2020)) PINS: Jul 10, 2020 | Public Review:
Nov 6, 2020 | Final Action: Jan 4, 2021 Approved

Connection Devices, same as CSA 6.25 (reaffirmation of
Public Review: Jan 31, 2020 | Final Action: Mar 17, 2020

ANSI Z21.8-2007 (R2017) and ANSI Z21.87a-2010 (R2017),
Automatic gas shutoff devices for hot water supply systems and component (reaffirmation of ANSI

ANSI Z21.89-2023, Outdoor cooking specialty gas appliances
(same as CSA 1.18-2023) (revision of ANSI Z21.89-2017)

ANSI Z21.90a-2021/CSA 6.24A-2021, Gas Convenience

ANSI Z21.91-2019, Ventless Firebox Enclosures For Gas-Fired
Unvented Decorative Room Heaters, same as BSR Z21.91
-201x, same as BSR Z21.91-201x (revision of ANSI Z21.91

Operated Electric Gas Ignition Systems and Components,
same as CSA 6.29 (reaffirmation of ANSI Z21.92-2001

Automatic Flammable Vapor Sensor Systems And
Components, Same As CSA 6.31 (reaffirmation of ANSI
Public Review: Mar 5, 2021 | Final Action: Apr 22, 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


ANSI/CSA LC 6 (R2023), Natural Gas Operated Diaphragm Pumps (reaffirmation of ANSI/CSA LC 6-2008 (R2018)) Public Review: Jul 21, 2023 | Final Action: Sep 15, 2023 Approved


Approved American National Standards

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

- ANSI/CSA R118-2023, Concrete carbon intensity quantification and verification (new standard) PINS: Sep 2, 2022 | Public Review: Jun 30, 2023 | Final Action: Nov 10, 2023 Approved
Approved American National Standards

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


- ANSI/NGV 4.6a-2021, Manually operated valves for natural gas dispensing systems (addenda to ANSI/CSA NGV 4.6-2020) PINS: Feb 26, 2021 | Public Review: Apr 9, 2021 | Final Action: Jun 10, 2021 Approved

- BSR/CSA NGV 4.6-202x, Manually operated valves for natural gas dispensing systems (revision of ANSI/CSA NGV 4.6-2020) PINS: Feb 5, 2021 | Approved

CTA (Consumer Technology Association)
1919 South Eads Street, Arlington, VA 22202 | w: www.cta.tech


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


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


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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


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Approved American National Standards

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


Approved American National Standards

EOS/ESD (ESD Association, Inc.)
218 W. Court Street, Rome, NY 13440 | w: https://www.esda.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 ESD S11.4-2013)
  PINS: Jan 5, 2018 | Public Review: Dec 16, 2022 | Final Action: Feb 21, 2023 Approved


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**EOS/ESD (ESD Association, Inc.)**

218 W. Court Street, Rome, NY 13440 | w: https://www.esda.org


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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

Approved American National Standards

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


The data in this document is reported as of Monday, November 27, 2023.
- ANSI E1.36-2007 (R2022), Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls (reaffirmation of ANSI E1.36-2007 (R2012)) Public Review: Feb 4, 2022 | Final Action: May 2, 2022 Approved
ANSI E1.57-2016 (R2021), Recommendations to prevent falls on or off movable parade floats, movable stages, and similar moving platforms (revision of ANSI E1.57-2016) Public Review: Feb 19, 2021 | Final Action: May 5, 2021 Approved


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

The data in this document is reported as of Monday, November 27, 2023

**FCI (Fluid Controls Institute)**
1300 Sumner Avenue, Cleveland, OH 44115 | w: www.fluidcontrolsinstitute.org


- ANSI/FCI 99-3-2020, Backpressure Regulator Capacity *(revision of ANSI/FCI 99-3-2012)*

**FM (FM Approvals)**
1151 Boston-Providence Turnpike, Norwood, MA 02062 | w: www.fmglobal.com


  PINS: Jan 18, 2019 | Public Review: Jun 5, 2020 | Final Action: Sep 14, 2020 **Approved**

  PINS: Feb 26, 2016 | Public Review: Dec 2, 2016 | Final Action: Jan 30, 2017 **Approved**

  Public Review: Jan 22, 2016 | Final Action: Oct 20, 2020 **Approved**

- ANSI/FM 4476-2014 (R2022), Flexible Photovoltaic Modules *(reaffirmation of ANSI/FM 4476-2014)*
  Public Review: Feb 21, 2020 | Final Action: Jan 28, 2022 **Approved**

- ANSI/FM 4478-2014, Rigid Photovoltaic Modules *(new standard)*


- ANSI/FM 4920-2014, Testing Filters Used in Clean Room Facilities *(new standard)*

- ANSI/FM 4996-2019, Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets *(revision of ANSI/FM 4996-2013)*
  PINS: Jan 27, 2017 | Public Review: May 26, 2017 | Final Action: Dec 9, 2019 **Approved**


  PINS: Jan 11, 2019 | Public Review: Jul 14, 2023 | Final Action: Aug 24, 2023 **Approved**

  PINS: Feb 26, 2016 | Public Review: Dec 2, 2016 | Final Action: Jan 30, 2017 **Approved**

- ANSI/FM 4477-2021, Vegetative Roof Systems *(revision of ANSI/FM 4477-2016)*

- ANSI/FM 4478-2014, Rigid Photovoltaic Modules *(new standard)*

- ANSI/FM 4477-2021, Vegetative Roof Systems *(revision of ANSI/FM 4477-2016)*

  Public Review: Aug 17, 2018 | Final Action: Nov 29, 2021 **Approved**


FM (FM Approvals)

1151 Boston-Providence Turnpike, Norwood, MA 02062 | w: www.fmglobal.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


HI (Hydraulic Institute)

6 Campus Drive, Suite 104, Parsippany, NJ 07054-4406 | w: www.pumps.org

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

  Approved

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

  Approved

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 #205, Ann Arbor, MI  48108 | w: www.hl7.org


  - Public Review: May 31, 2019 | Final Action: Jul 31, 2019 Approved

  - Public Review: May 31, 2019 | Final Action: Jul 31, 2019 Approved

  - Public Review: Feb 23, 2018 | Final Action: Apr 20, 2018 Approved

- ANSI/HL7 V3PA PATREG, R1-2014 (R2019), HL7 Version 3 Standard: Patient Administration; Patient Registry, Release 1
  - Public Review: Mar 22, 2019 | Final Action: Jun 7, 2019 Approved

  - Public Review: May 31, 2019 | Final Action: Jul 31, 2019 Approved

  - Public Review: May 31, 2019 | Final Action: Jul 31, 2019 Approved

  - Public Review: Feb 23, 2018 | Final Action: Apr 20, 2018 Approved

- ANSI/HL7 V3PA PATREG, R1-2014 (R2019), HL7 Version 3 Standard: Patient Administration; Patient Registry, Release 1
  - Public Review: Mar 22, 2019 | Final Action: Jun 7, 2019 Approved

  - Public Review: May 31, 2019 | Final Action: Jul 31, 2019 Approved

**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


ANSI N43.10-2019, Safe Design and Use of Panoramic, Dry Source Storagae (Category II), Self-Contained Wet Source Storage (Category III), and Panoramic, Wet Source Storage (Category IV) Gamma Irradiators (revision of ANSI N43.10-2001 (R2010)) PINS: Mar 22, 2019 | Public Review: Aug 9, 2019 | Final Action: Sep 26, 2019 Approved


Approved American National Standards

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


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


ANSI/ASSE 1072-2020, Performance Requirements for Barrier Type Trap Seal Protection for Floor Drains (new standard) PINS: May 18, 2018 | Public Review: Jun 5, 2020 | Final Action: Jul 23, 2020 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)
4755 East Philadelphia Street, Ontario, CA  91761 | w: https://www.iapmostandards.org


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


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

IEEE (Institute of Electrical and Electronics Engineers)
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


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


IEEE C37.20.4-2013, Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear (revision of ANSI/IEEE C37.20.4-2001 (R2006)) PINS: Aug 17, 2007 | Public Review: Sep 27, 2013 | Final Action: Jul 31, 2015 Approved


IEEE C57.30.2-2015, Guide for Wind-Loading Evaluation of
High-Voltage (>1000 V) Air-Break Switches (new standard)

IEEE C57.41-2016, Standard Design Tests for High-Voltage
(>1000 V) Fuses and Accessories (revision of ANSI/IEEE

IEEE C57.45-2016, Standard Design Tests and Specifications
for High Voltage (> 1000 V) Distribution Class Enclosed
Single-Pole Air Switches (revision of ANSI/IEEE C37.45

IEEE C57.66-2022, Standard Requirements for Capacitor
Switches for AC Systems (1 kV to 38 kV) (revision of

IEEE C57.96-2012, Guide for AC Motor Protection (revision of

IEEE C57.106-2015, Guide for Acceptance and Maintenance
of Insulating Mineral Oil in Electrical Equipment (revision of

IEEE C57.12.01-2015, Standard for General Requirements for

IEEE C57.12.34-2015, Standard Requirements for Pad-
Mounted, Compartmental-Type, Self-Cooled, Three-Phase
Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below (revision of ANSI/IEEE C57.12.34-2009) PINS: Jul 22, 2011 | Public Review: Feb 19, 2016 | Final Action: Dec 16, 2016 Approved

Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and

Testing FCLs rated above 1000 V AC (new standard) PINS:

IEEE C37.42-2016, Standard Specifications for High-Voltage
(>1000 V) Fuses and Accessories (revision of ANSI/IEEE

IEEE C37.63-2013, Standard Requirements for Overhead,
Pad-Mounted, Dry-Vault, and Submersible Automatic Line
Sectionalizers for Alternating Current Systems Up to 38 kV

IEEE C37.74-2014, Standard Requirements for Subsurface,
Vaul, and Padmounted Load-Interrupter Switchgear and
Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV (new standard) PINS: Jan 5, 2007 | Public Review: May 29, 2015 | Final Action: Feb 17, 2016 Approved


IEEE C57.12.00-2015, Standard for General Requirements for
Liquid-Immersed Distribution, Power, and Regulating
Transformers (revision of ANSI/IEEE C57.12.00-2010)

IEEE C57.12.24-2016, Standard for Submersible, Three-

IEEE C57.12.36-2017, Standard Requirements for Liquid-

IEEE C57.12.59-2015, Guide for Dry-Type Transformer
Through-Fault Current Duration (revision of ANSI/IEEE


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


- 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


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


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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 | w: www.ies.org


IEST (Institute of Environmental Sciences and Technology)

1827 Walden Office Square, Suite 400, Schaumburg, IL  60173 | w: www.iest.org


IIAR (International Institute of Ammonia Refrigeration)

1001 N. Fairfax Street, Suite 503, Alexandria, VA  22314-1797 | w: www.iiar.org


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

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

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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

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**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


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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 Buttweld-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 75.08.08-2015, Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.08-1999 (R2007)) PINS: Oct 7, 2011 | Public Review: Oct 16, 2015 | Final Action: Dec 30, 2015 Approved


ANSI/ISA 77.82.01-2014, Selective Catalytic Reduction (SCR) Control Systems (revision of ANSI/ISA 77.82.01-2011) PINS: Dec 18, 2015 | Public Review: Jan 25, 2019 | Final Action: Jun 3, 2019 Approved


ANSI/ISA 95.00.05-2018, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA 95.00.05-2013) PINS: Mar 30, 2018 | Public Review: Sep 14, 2018 | Final Action: Dec 3, 2018 Approved


ANSI/ISA 95.00.08-2016, Face-to-Face Dimensions for Sliding Stem Flangeless Control Valves (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.09-2005 (R2010)) PINS: Feb 27, 2015 | Public Review: Nov 20, 2015 | Final Action: Mar 11, 2016 Approved


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


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


ANSI/ISEA Z87.62-2021, Occupational and Educational Eye and Face Protection Devices for Preventing Exposures Caused by Sprays or Spurts of Blood or Body Fluids (new standard) PINS: May 12, 2017 | Public Review: Mar 26, 2021 | Final Action: Jul 6, 2021 Approved


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

| 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 116-1986 [S2017], Recorded Magnetic Tape Cartridge for Information Interchange 4-Track, Serial 0.250 in (6.30 mm) 6400 BPI (252 BPM) Inverted Modified Frequency Modulation Encoded (stabilized maintenance of INCITS 116-1986 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved |
| INCITS 120-1984 [S2017], Contact Start/Stop Storage Disk, 95840 Flux Transitions per Track, 7.874 Inch (200 mm) Outer Diameter and 2.500 Inch (63.5 mm) Inner Diameter (stabilized maintenance of INCITS 120-1984 (R2002)) 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 bppm), Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 136-1986 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved |


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


INCITS 171-1989 [S2020], One and Two-Sided, High Density, Unformatted, 90-mm (3.5 in), 5.3 tpmm (135-tpi), Flexible Disk Cartridge for 15 916 bpr Use - General, Physical and Magnetic Requirements (stabilized maintenance of INCITS 171-1989 (R2005)) Public Review: Feb 12, 2010 | Final Action: Jul 7, 2010 Approved


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 fpti (262 ftpmm) and 48-Track, 10,000 fpti (394 ftpmm) (stabilized maintenance of INCITS 197-1991 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 23, 2007 Approved


INCITS 205-1992 [S2017], Helical-Scan Digital Computer Tape Cartridge, 3.81 mm (0.150 in), DATA/DAT Recorded Format for Information Interchange (stabilized maintenance of INCITS 205-1992 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 12, 2007 Approved


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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 bppm), 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 bppm), 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 16, 2009 | Final Action: Jan 4, 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 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
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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 312:1998 [S2023], Magnetic Tape Cartridge 0.50 in (12.65 mm), Serial Serpentine, 112-Track, 81 600 bpi (3213 bpmm), DLT4 Format (stabilized maintenance of INCITS 312-1998 (R2008)) Public Review: Jun 7, 2013 | Final Action: Oct 14, 2013 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


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- 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


INCITS 461-2010 [R2015], Information technology - Fibre Channel - Physical Interface - 4 (FC-PI-4) (stabilized maintenance of INCITS 461-2010 [R2015]) Public Review: May 19, 2023 | Final Action: Aug 4, 2023 Approved


>> INCITS 48-1986 [S2017], Magnetic Tape Cassette for Information Interchange, 3.81 mm (0.150 in) Tape at 32 bpmm (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 [R2018]) Public Review: May 19, 2023 | Final Action: Aug 31, 2023 Approved


INCITS 516-2013 [R2023], Information technology - SCSI Stream Commands (SSC-4) (reaffirmation of INCITS 516-2013 [R2018]) Public Review: May 19, 2023 | Final Action: Aug 31, 2023 Approved


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- 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

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INCITS X4.6-1979 [S2018], 10-Key Keyboard for Adding and Calculating Machines (stabilized maintenance of INCITS X4.6-1979 (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 bpcm), 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 19, 2023 | Final Action: Aug 28, 2023 Approved

  - PINS: Feb 18, 2022 | Public Review: Apr 8, 2022 | Final Action: Jul 14, 2022 Approved

  - PINS: Mar 24, 2023 | Public Review: May 12, 2023 | Final Action: Aug 29, 2023 Approved


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


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

INCITS/ISO/IEC 18093:1999 [S2021], Information technology -- Data Interchange on 130 mm Optical Disk Cartridges of Type WORM (Write Once Read Many) using Irreversible Effects - Capacity: 5.2 GBytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 18093:1999 [R2006])


Public Review: May 13, 2022 | Final Action: Sep 1, 2022


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INFORMATION TECHNOLOGY -- COMMON BIOMETRIC EXCHANGE FORMATS


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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)) Public Review: Jun 8, 2012 | Final Action: Aug 20, 2012 Approved

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incuits/iso/iec 23001-1:2006 [r2019], information technology - mpeg systems technologies - part 1: binary mpeg format for xml (reaffirm a national adoption incuits/iso/iec 23001-1:2006 [r2014]) public review: aug 2, 2019 | final action: nov 21, 2019 approved


incuits/iso/iec 23000-7:2008 [r2019], information technology - multimedia application format (mpeg-a) - part 7: open access application format (reaffirm a national adoption incuits/iso/iec 23000-7:2008 [r2014]) public review: aug 2, 2019 | final action: nov 21, 2019 approved


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INCITS/ISO/IEC 23360-4-3:2021 [2022], Linux Standard Base (LSB) - Part 4-3: Desktop specification for AMD64 (X86-64) architecture (identical national adoption of ISO/IEC 23360-4-3:2021 and revision of INCITS/ISO/IEC 23360-4:2006 [R2020])


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

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


Public Review: May 13, 2022 | Final Action: Aug 29, 2022
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Public Review: May 19, 2023 | Final Action: Aug 28, 2023
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Public Review: May 19, 2023 | Final Action: Aug 28, 2023
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Public Review: May 13, 2022 | Final Action: Aug 30, 2022 Approved

Public Review: Jul 6, 2012 | Final Action: Sep 5, 2012 Approved


Public Review: Feb 8, 2008 | Final Action: Jun 19, 2008 Approved

Public Review: Jul 6, 2012 | Final Action: Sep 5, 2012 Approved

Public Review: Jul 6, 2012 | Final Action: Sep 5, 2012 Approved


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ITSD (Industrial Truck Standards Development Foundation, Inc.)
7150 K Street NW, Suite 460, Washington, DC 20006 | w: www.indtrk.org


ANSI/ITSDF B56.11.4-2013 (R2018), Hook-Type Forks and Fork Carriers for Powered Industrial Forklift Trucks (reaffirmation of ANSI/ITSDF B56.11.4-2013) PINS: Mar 23, 2018 | Public Review: Sep 7, 2018 | Final Action: Dec 19, 2018 Approved


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### ANSI/ITSDF B56.11-8-2023, Seat Belt (Lap-Type) Anchorage Systems for Powered Industrial Trucks (revision of ANSI/ITSDF B56.11-8-2019)
- PINS: Mar 3, 2023
- Public Review: Jul 28, 2023
- Final Action: Oct 10, 2023

### ANSI/ITSDF B56.1a-2018, Safety Standard Low Lift and High Lift Trucks (addenda to ANSI/ITSDF B56.1-2016)
- PINS: Mar 23, 2018
- Public Review: May 18, 2018
- Final Action: Aug 3, 2018

### ANSI/ITSDF B56.6-2021, Safety Standard for Rough Terrain Forklift Trucks (revision of ANSI/ITSDF B56.6-2016)
- PINS: Feb 15, 2019
- Public Review: Jan 22, 2021
- Final Action: Aug 22, 2021

### ANSI/ITSDF B56.9-2019, Safety Standard for Operator Controlled Industrial Tow Tractors (revision of ANSI/ITSDF B56.9-2012)
- PINS: Mar 21, 2014
- Public Review: Nov 16, 2018
- Final Action: Mar 19, 2019

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- PINS: Apr 3, 2020
- Public Review: Jun 18, 2021
- Final Action: May 26, 2022

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### ANSI/LEO 4000-2015, LEO-4000 American National Standard for Sustainable Agriculture (new standard)
- PINS: Nov 28, 2008
- Final Action: Nov 3, 2015

### ANSI/LEO 5000-2023, Standard for Emissions Inventories, Offsets, and Reduction Credits (new standard)
- PINS: Jun 16, 2023
- Public Review: Jul 28, 2023
- Final Action: Sep 14, 2023

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- PINS: Apr 11, 2014
- Public Review: Nov 26, 2021
- Final Action: Aug 3, 2022

### ANSI/LIA Z136.4-2021, Standard Recommended Practice for Laser Safety Measurements for Classification and Hazard Evaluation (new standard)
- PINS: Sep 28, 2012
- Public Review: May 1, 2020
- Final Action: Feb 4, 2021

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


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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


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**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)*

- ANSI/NALFA LF-03-2019, Flooring Underlayment Specifications and Test Methods *(new standard)*

**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

- ANSI/NASBLA 100-2022, Basic Boating Knowledge - Core *(new standard)*

  PINS: Jul 12, 2019 | Public Review: May 7, 2021 | Final Action: Feb 10, 2022 Approved

- ANSI/NASBLA 103-2022, Basic Boating Knowledge - Plus Power *(revision of ANSI/NASBLA 103-2016)*
  PINS: Jul 12, 2019 | Public Review: May 7, 2021 | Final Action: Feb 10, 2022 Approved

  PINS: Jul 12, 2019 | Public Review: May 7, 2021 | Final Action: Feb 10, 2022 Approved

**NASPO (North American Security Products Organization)**

1300 I Street, NW, Suite 400E, Washington, DC 20005 | w: www.naspo.info


- ANSI/NASPO IDV-2018, Requirements and Implementation Guidelines for Assertion, Resolution, Evidence and Verification of Personal Identity *(new standard)*

- ANSI/NASPO SD 01-2014, Minimum security requirements for security documents *(new standard)*
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


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NCPDP (National Council for Prescription Drug Programs)

9240 East Rain Tree Drive, Scottsdale, AZ 85260 | w: www.ncpdp.org


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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


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


NEMA SM 31000-1 2021, Electrical Submeter - General Requirements (new standard) PINS: Sep 9, 2016 | Public Review: Feb 26, 2021 | Final Action: May 18, 2021 Approved


NEMA 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 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)

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


NEMA (ASC C137) (National Electrical Manufacturers Association)


ANSI/C137.6-2021, For Lighting Systems--Data Tagging Vocabulary (Semantic Model Elements) for Interoperability (new standard) PINS: Jul 12, 2019 | Public Review: Dec 4, 2020 | Final Action: Apr 27, 2021 Approved
NEMA (ASC C18) (National Electrical Manufacturers Association)

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NEMA (ASC C29) (National Electrical Manufacturers Association)

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


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


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

- ANSI NEMA MG 1-2022, Motors and Generators (revision of ANSI NEMA MG 1-2021) PINS: Sep 3, 2021 | Public Review: Apr 8, 2022 | Final Action: Jun 6, 2022 Approved

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

- ANSI C78.1401-2004 (S2022), For Electric Lamps—Dimensions for Projection Lamps—Double-Contact, Medium Ring (Special B), Base-up Type (stabilized maintenance of ANSI C78.1401-2004) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved
- 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
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NEMA (ASC C78) (National Electrical Manufacturers Association)

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

- ANSI C78.1451-2002 (S2018), Standard For Electric Lamps—Use of Protective Shields with Tungsten-Halogen Lamps
- 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 C78.1501-2016 (R2022), For Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (reaffirmation of ANSI C78.1501-2016) Public Review: Jul 9, 2021 | Final Action: Apr 5, 2022 Approved
- ANSI C78.30-1997 (S2018), Standard for electric lamps: Procedure for Use in Preparation of Lamp Space Drawings (stabilized maintenance of ANSI C78.30-1997 (R2011)) Public Review: Feb 9, 2018 | Final Action: Jun 8, 2018 Approved
- ANSI C78.376-2014 (R2021), For electric lamps: Specifications for the Chromaticity of Fluorescent Lamps (reaffirmation of ANSI C78.376-2014) Public Review: May 29, 2020 | Final Action: May 6, 2021 Approved
NEMA (ASC C78) (National Electrical Manufacturers Association)

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

- ANSI C78.41-2016 (R2022), For Electric Lamps: LED Lamp Codes (reaffirmation of ANSI C78.50-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved

- ANSI C78.42-2009 (S2022), For Electric Lamps—High-Pressure Sodium Lamps (stabilized maintenance of ANSI C78.42-2009 (R2016)) 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 C78.45-2016 (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

- ANSI C78.51-2016 (R2022), For Electric Lamps—LED (Light Emitting Diode) Lamps—Method of Designation (reaffirmation of ANSI C78.51-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 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 C78.81-2016 (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


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


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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 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


Approved American National Standards

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 K (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 5-2021, Electrical and Electronic Crosslinked, Modified Polyethylene (XLPE) Insulated 125°C Hook-Up Wire, Types L (600 V), LL (1000 V), and LX (3000 V) (revision of ANSI/NEMA HP 5-2013) PINS: May 18, 2018 | Public Review: Mar 5, 2021 | Final Action: Apr 22, 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), 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 C82) (National Electrical Manufacturers Association)
1300 N 17th St, Rosslyn, VA  22209 | w: www.nema.org


ANSI C82.15-2021, LED Drivers Robustness (new standard)


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 C82.77-3-2020, Standard For Lighting Equipment Electromagnetic compatibility (EMC) Testing and measurement techniques Radiated, radio-frequency electromagnetic field immunity test (national adoption with modifications of IEC 61000-4-6 Ed4.0 (2010-04)) PINS: Dec 7, 2018 | Public Review: Jul 12, 2019 | Final Action: Jan 10, 2020 Approved

ANSI C82.77-5-2023, Lighting Equipment - Voltage Surge Requirements (revision of ANSI C82.77-5-2017) PINS: May 21, 2021 | Public Review: Jun 2, 2023 | Final Action: Aug 4, 2023 Approved

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


- ANSI C82.9-2016 (R2022), Standard for Lamp Ballasts—High-Intensity Discharge and Low-Pressure Sodium Lamps—Definitions (reaffirmation of ANSI C82.9-2016) Public Review: May 28, 2021 | Final Action: Apr 12, 2022 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


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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


- ANSI/NENA STA-026.5-2016 (R2022), NENA PSAP Master Clock Standard (reaffirmation of ANSI/NENA STA-026.5-2016) Public Review: Dec 31, 2021 | Final Action: Feb 28, 2022 Approved


Approved American National Standards

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


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

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ANSI/NFRC 100-2023 (EOA0), Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2020 E0A2) Public Review: May 5, 2023 | Final Action: Jun 29, 2023 Approved


ANSI/NFRC 400-2023 E0A0, Procedure for Determining Fenestration Product Air Leakage (revision and redesignation of ANSI/NFRC 400-2020 (EA01)) Public Review: Dec 30, 2022 | Final Action: Mar 6, 2023 Approved

ANSI/NFRC 500-2023 E0A0, Procedure for Determining Fenestration Product Condensation Index Ratings (revision of ANSI/NFRC 500-2020 (EA01)) Public Review: May 5, 2023 | Final Action: Jun 29, 2023 Approved


Approved American National Standards

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


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NSF (NSF International)
389 N. Dixboro Road, Ann Arbor, MI 48105-9723 | w: 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 244-2018 (i1r15), Supplemental Microbiological Water Treatment Systems - Filtration (new standard) | Action: Jun 4, 2019 | Final Action: Nov 25, 2020 Approved
- ANSI/NSF 244-2021 (i1r10), Supplemental Microbiological Water Treatment Systems - Filtration | Action: Jan 26, 2018 | Final Action: Jan 26, 2018 Approved
- ANSI/NSF 244-2022 (i12r2), NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration | Action: May 30, 2019 | Final Action: May 30, 2019 Approved
- ANSI/NSF 245-2019 (i1r1), NSF 245 - Wastewater Treatment Systems | Action: Mar 16, 2018 | Final Action: Mar 16, 2018 Approved
- ANSI/NSF 245-2019 (i16r1), Residential Wastewater Treatment Systems - Nitrogen Reduction | Action: Apr 19, 2019 | Final Action: Apr 19, 2019 Approved
- ANSI/NSF 244-2019 (i5r1), Supplemental Microbiological Water Treatment Systems - Filtration | Action: Apr 15, 2018 | Final Action: Apr 15, 2018 Approved
- ANSI/NSF 245-2019 (i15r1), Residential Wastewater Treatment Systems - Nitrogen Reduction | Action: May 30, 2019 Approved
- ANSI/NSF 245-2020 (i17r3), Residential Wastewater Treatment Systems - Nitrogen Reduction | Action: Dec 17, 2020 Approved

The data in this document is reported as of Monday, November 27, 2023


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


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

- ANSI/NSF 305-2022 (i31r1), Personal Care Products

- ANSI/NSF 305-2023 (i32r1), Personal Care Products


ANSI/NSF 350-2018 (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


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


ANSI/NSF 401-2018 (i10r2), NSF 401 - Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2017a) Public Review: Jun 22, 2018 | Final Action: Jul 31, 2018

ANSI/NSF 401-2018 (i13r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2017a) Public Review: Nov 30, 2018 | Final Action: Dec 30, 2018


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


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


ANSI/NSF 42-2023 (i126r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2021) Public Review: Dec 9, 2022 | Final Action: Jan 8, 2023 Approved


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

- ANSI/NSF 437-2022 (i2r1), Glossary of Wastewater Technology Terminology (revision of ANSI/NSF 437-2021)
  Public Review: Oct 21, 2022 | Final Action: Nov 29, 2022 Approved

- ANSI/NSF 44-2014 (i35), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2012 (i34))
  Public Review: May 9, 2014 | Final Action: Oct 16, 2014 Approved

- ANSI/NSF 44-2015 (i37r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2014)

- ANSI/NSF 44-2015 (i39), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2014)

- ANSI/NSF 44-2017 (i42r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2016)
  Public Review: May 12, 2017 | Final Action: Jun 13, 2017 Approved

  Public Review: Jun 22, 2018 | Final Action: Jul 31, 2018 Approved

- ANSI/NSF 44-2021 (i49r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2018)

- ANSI/NSF 44-2023 (i47r2), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2021)
  Public Review: Dec 2, 2022 | Final Action: Feb 24, 2023 Approved

- ANSI/NSF 44-2023 (i53r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2021)
  Public Review: Feb 3, 2023 | Final Action: Mar 10, 2023 Approved

- ANSI/NSF 455-1-2023 (i4r1), Terminology for the NSF 455 Portfolio of Standards (revision of ANSI/NSF 455-1-2018)
  Public Review: Aug 18, 2023 | Final Action: Sep 26, 2023 Approved

- ANSI/NSF 455-1-2023 (i7r1), Terminology for the NSF 455 Portfolio of Standards (revision of ANSI/NSF 455-1-2018)
  Public Review: Aug 18, 2023 | Final Action: Oct 10, 2023 Approved


- ANSI/NSF 455-2023 (i4r1), Glossary of Wastewater Technology Terminology (revision of ANSI/NSF 437-2022)
  Public Review: Oct 6, 2023 | Final Action: Nov 17, 2023 Approved

- ANSI/NSF 44-2014 (i36r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2013)

- ANSI/NSF 44-2015 (i38r2), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2014)

- ANSI/NSF 44-2016 (i41r1), NSF 44-2016 - Residential Cation Exchange Water Softeners
  Public Review: Aug 5, 2016 | Final Action: Sep 19, 2016 Approved

- ANSI/NSF 44-2017 (i42r1), NSF/ANSI 44 Residential Cation Exchange Water Softeners
  Public Review: May 12, 2017 | Final Action: Jun 13, 2017 Approved

  Public Review: Jun 22, 2018 | Final Action: Jul 31, 2018 Approved

- ANSI/NSF 44-2021 (i49r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2018)

- ANSI/NSF 44-2023 (i52r2), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2021)
  Public Review: Dec 2, 2022 | Final Action: Jan 15, 2023 Approved

- ANSI/NSF 455-1-2018 (i1r2), NSF 455-1 - Terminology for the NSF 455 Portfolio of Standards (new standard)

- ANSI/NSF 455-1-2023 (i5r1), Terminology for the NSF 455 Portfolio of Standards (revision of ANSI/NSF 455-1-2018)
  Public Review: Aug 18, 2023 | Final Action: Oct 4, 2023 Approved

- ANSI/NSF 455-2-2018 (i1r3), Good Manufacturing Practices for Dietary Supplements (new standard)

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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 455-4-2018 (i2r1), NSF 455-4 · Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018) Public Review: Sep 30, 2018 Approved

ANSI/NSF 455-4-2018 (i4r1), NSF 455-4 · Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018) Public Review: Sep 30, 2018 Approved

ANSI/NSF 455-4-2018 (i6r1), NSF 455-4 · Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018) Public Review: Sep 30, 2018 Approved


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


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


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 | w: www.nsf.org

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ANSI/NSF 53-2023 (i133r2), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021) Public Review: Dec 2, 2022 | Final Action: Sep 30, 2023 Approved


ANSI/NSF 53-2023 (i130r5), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021) Public Review: Dec 2, 2022 | Final Action: Sep 7, 2023 Approved


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


ANSI/NSF 6-2016 (i11r3), Dispensing Freezers (revision of ANSI/NSF 6-2014 (i10r1)) Public Review: Feb 12, 2016 | Final Action: Mar 28, 2016 Approved


ANSI/NSF 6-2023 (i22r1), Dispensing Freezers (revision of ANSI/NSF 6-2021) Public Review: Feb 17, 2023 | Final Action: Apr 3, 2023 Approved


ANSI/NSF 60-2016 (i74r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015) Public Review: Apr 1, 2016 | Final Action: May 1, 2016 Approved


ANSI/NSF 7-2016 (i3r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014) Public Review: Nov 13, 2015 | Final Action: May 4, 2016 Approved

ANSI/NSF 7-2016 (i15r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014) Public Review: Jan 22, 2016 | Final Action: Jul 7, 2016 Approved


ANSI/NSF 7-2016 (i10r5), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014) Public Review: Jul 1, 2016 | Final Action: Jul 31, 2016 Approved

ANSI/NSF 7-2016 (i9r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014) Public Review: Feb 19, 2016 | Final Action: May 6, 2016 Approved


ANSI/NSF 7-2023 (i27r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2021) Public Review: Feb 17, 2023 | Final Action: Apr 3, 2023 Approved


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


NWRA (ASC Z245) (National Waste & Recycling Association)

1550 Crystal Drive, Suite #804, Arlington, VA  22202 | w: www.wasterecycling.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.open-ix.org


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

- ANSI/PEARL EERS-2018, Professional Electrical Apparatus
  Reconditioning League Electrical Equipment Reconditioning
  Standard for Electrical Apparatus and Equipment Used in
  Commercial and Industrial applications (new standard)
  Action: Sep 25, 2018 Approved

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

- ANSI/PGMA G300-2018, Safety and Performance of Portable

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

  Pools and Spas (revision and redesignation of ANSI/APSP
- ANSI/APSP/ICC 14 2014, Standard for Portable Electric Spa
- ANSI/APSP/ICC 6-2013 (R2023), Standard for Residential
- ANSI/APSP/ICC-1 2014 (R2023), Standard for Public
  Swimming Pools (reaffirmation and redesignation of
  ANSI/APSP 1-2013) Public Review: Jun 16, 2023 | Final
  Action: Aug 4, 2023 Approved
- ANSI/APSP/ICC-5 2012 (R2022), Standard for Residential
  Inground Swimming Pools (reaffirmation and redesignation of
  Efficiency in Residential and Public Pools, Spas, Portable
- ANSI/APSP/ICC 14-2019, Standard for Portable Electric Spa
  Energy Efficiency (revision of ANSI/APSP/ICC-14 2014)
- ANSI/APSP/ICC 3-2014 (R2023), Standard for Permanently
  Installed Residential Spas and Swim Spas (reaffirmation of
  ANSI/APSP/ICC-3 2013) Public Review: Nov 18, 2022 | Final Action: Jun 1, 2023 Approved
- ANSI/APSP/ICC 8-2005 (R2023), Model Barrier Code for
  Residential Swimming Pools, Spas, and Hot Tubs
  (reaffirmation and redesignation of ANSI/APSP/ICC-8-2005
- ANSI/APSP/ICC-4 2012 (R2022), Standard for
  Aboveground/Onground Residential Swimming Pools
- ANSI/APSP/ICC/NPC 12-2015, Standard for the Plastering of
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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 B151.5-2020, 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
- 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


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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


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

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

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


RESNET (Residential Energy Services Network, Inc.)
P.O. Box 4561, Oceanside, CA 92052 | w: www.resnet.us.com


RESNET (Residential Energy Services Network, Inc.)
P.O. Box 4561, Oceanside, CA  92052 | w: www.resnet.us.com


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


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


- RVIA TSIC-1-2018 (R2023), Recommended Practice Process Controls for Assembly of Wheels on Trailers (reaffirmation of ANSI/RVIA TSIC-1-2018) PINS: Feb 11, 2022 | Public Review: Jun 10, 2022 | Final Action: Jan 26, 2023 Approved
SAAMI (Sporting Arms and Ammunition Manufacturers Institute)
6 Corporate Drive, Suite 650, Shelton, CT 06484 | w: www.saami.org


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

SAIA (ASC A92) (Scaffold & Access Industry Association)
400 Admiral Boulevard, Kansas City, MO 64106 | w: www.saiaonline.org


- ANSI/SAIA A92.24-2018, Training Requirements for the Use, Operation, Inspection, Testing and Maintenance of Mobile Elevating Work Platforms (MEWPs) (new standard)

- ANSI/SAIA A92.22-2021, Safe Use of Mobile Elevating Work Platforms (MEWPs) (revision of ANSI/SAIA A92.22-2020)


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

- ANSI/SCTE 01-2021, Specification for F Port, Female, Outdoor (revision of ANSI/SCTE 01-2015)

- ANSI/SCTE 03-2022, Test Method for Coaxial Cable Structural Return Loss (revision of ANSI/SCTE 03-2016)
  PINS: Feb 21, 2020 | Public Review: Jan 27, 2023 | Final Action: Sep 12, 2023 Approved

- ANSI/SCTE 05-2022, Test Method for F Connector Return Loss In-Line Pair (revision of ANSI/SCTE 05-2014)
  PINS: Sep 7, 2018 | Public Review: Dec 3, 2021 | Final Action: May 20, 2022 Approved


  PINS: Sep 7, 2018 | Public Review: Nov 19, 2021 | Final Action: Jan 18, 2022 Approved

- ANSI/SCTE 102-2016, Cable Retention Force Testing of Trunk & Distribution Connectors (revision of ANSI/SCTE 102 -2010)

- ANSI/SCTE 104-2022, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2020)
  PINS: Jun 4, 2021 | Public Review: Dec 23, 2022 | Final Action: Jul 6, 2023 Approved


- ANSI/SCTE 103-2018, Test Method for DC Contact Resistance, Drop cable to F connectors and F 81 Barrels (revision of ANSI/SCTE 103-2012)
  PINS: Dec 9, 2016 | Public Review: Mar 23, 2018 | Final Action: May 22, 2018 Approved

  PINS: Apr 17, 2015 | Public Review: Mar 2, 2018 | Final Action: May 21, 2018 Approved

  PINS: Dec 9, 2016 | Public Review: Feb 2, 2018 | Final Action: May 22, 2018 Approved


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SCTE (Society of Cable Telecommunications Engineers)

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


ANSI/SCTE 24-12-2016 (R2022), IPCablecom 1.0 Part 12:
Trunking Gateway Control Protocol (TGCP) (reaffirmation of
ANSI/SCTE 24-12-2016) PINS: Feb 5, 2021 | Public
Review: Feb 4, 2022 | Final Action: Apr 12, 2022 Approved

ANSI/SCTE 24-21-2017 (R2022), BV16 Speech Codec
Specification for Voice over IP Applications in Cable
Telephony (reaffirmation of ANSI/SCTE 24-21-2017) PINS:
Mar 25, 2022 | Public Review: Sep 2, 2022 | Final Action:
Dec 1, 2022 Approved

Voice over IP Applications in Cable Telephony (revision of
ANSI/SCTE 24-23-2012) PINS: May 19, 2017 | Public

ANSI/SCTE 24-4-2016 (R2022), IPCablecom 1.0 Part 4:
Dynamic Quality of Service for the Provision of Real-Time
Services over Cable Television Networks Using Data
Modems (reaffirmation of ANSI/SCTE 24-4-2016) PINS: Feb
5, 2021 | Public Review: Feb 4, 2022 | Final Action: Apr
12, 2022 Approved

ANSI/SCTE 24-6-2016 (R2022), IPCablecom 1.0 Part 6:
Management Information Base (MIB) Framework
(reaffirmation of ANSI/SCTE 24-6-2016) PINS: Feb 5, 2021
| Public Review: Feb 4, 2022 | Final Action: Apr
12, 2022 Approved

ANSI/SCTE 24-8-2016 (R2022), IPCablecom 1.0 Part 8:
Signaling Management Information Base (MIB)
Requirements (reaffirmation of ANSI/SCTE 24-8-2016)
PINS: Feb 5, 2021 | Public Review: Feb 4, 2022 | Final Action:
Apr 12, 2022 Approved

ANSI/SCTE 240-2017 (R2022), SCTE Test Procedures for
Testing CWDM Systems in Cable Telecommunications
Access Networks (reaffirmation of ANSI/SCTE 240-2017)
PINS: Jan 28, 2022 | Public Review: Mar 11, 2022 | Final
Action: May 6, 2022 Approved

ANSI/SCTE 242-1-2022, Next Generation Audio Coding
Constraints for Cable Systems: Part 1 - Introduction and
Common Constraints (revision of ANSI/SCTE 242-1-2017)
PINS: Jan 28, 2022 | Public Review: Nov 18, 2022 | Final
Action: Jan 5, 2023 Approved

ANSI/SCTE 242-3-2022, Next Generation Audio Coding
Constraints for Cable Systems: Part 3 - MPEG-H Audio
Coding Constraints (revision of ANSI/SCTE 242-3-2017)
PINS: Jan 28, 2022 | Public Review: Nov 18, 2022 | Final
Action: Jan 5, 2023 Approved

ANSI/SCTE 242-4-2022, Next Generation Audio Coding
Constraints for Cable Systems: Part 4 - DTS-UHD Audio
Coding Constraints (revision of ANSI/SCTE 242-4-2018)
PINS: Jul 22, 2022 | Public Review: Nov 18, 2022 | Final
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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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SDI (ASC A250) (Steel Door Institute)
30200 Detroit Road, Westlake, OH 44145 | w: www.wherryassocsteeldoor.org

- ANSI A250.11-2022, Recommended Erection Instructions for Steel Frames (revision of ANSI A250.11-2012) PINS: Jun 9, 2017 | Public Review: Jan 14, 2022 | Final Action: Mar 17, 2022 Approved

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


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

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


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


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 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 1214 sp-2022, Interrelation of reflectance, R; 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


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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


- ANSI/TAPPI T 212 om-2012 (R2022), One percent sodium hydroxide solubility of wood and pulp (reaffirmation of ANSI/TAPPI T 212 om-2012 (R2018)) PINS: Aug 26, 2022 | Final Action: Nov 3, 2022 Approved


ANSI/TAPPI T 410 om-2013 (R2019)) PINS: Aug 26, 2022 | Final Action: Nov 8, 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 sub-visible 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


ANSI A108.1B-2023, Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set, Modified Dry-Set, or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.1B-2017) PINS: Mar 17, 2023 | Final Action: Oct 13, 2023 Approved


ANSI A108.5-2023, Setting of Ceramic Tile with Dry-Set Cement Mortar, Modified Dry-Set Cement Mortar, EGP (Exterior Glue Plywood) Modified Dry-Set Cement Mortar, or Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.5-2021) PINS: Oct 28, 2022 | Public Review: Aug 25, 2023 | Final Action: Oct 13, 2023 Approved


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TCNA (ASC A108) (Tile Council of North America)
100 Clemson Research Blvd., Anderson, SC 29625 | w: www.tcnatile.com


TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | w: www.tiaonline.org


ANSI/TIA 1083-B-2015, Telecommunications -
Communications Products - Handset - Magnetic
Measurement Procedures and Performance Requirements
(revision and redesignation of ANSI/TIA 1083-A-2010)
PINS: May 24, 2013 | Public Review: Sep 11, 2015 | Final
Action: Oct 26, 2015 Approved

ANSI/TIA 1179-B-2023, Healthcare Facility

ANSI/TIA 1183-B-2023, Measurement Methods and Test
Fixtures for Balun-Less Measurements of Balanced

ANSI/TIA 222-H-1-2019, Structural Standard For Antenna
Supporting Structures, Antennas and Small Wind Turbine
Support Structures- Addendum 1 (addenda to ANSI/TIA

ANSI/TIA 322-2016 (R2020), Loading Criteria, Analysis, and
Design Related to the Installation, Alteration and
Maintenance of Communication Structures (reaffirmation
of ANSI/TIA 322-2016) Public Review: Sep 6, 2019 | Final
Action: Nov 11, 2019 Approved


ANSI/TIA 455-111-B-2022, FOTP-111: IEC 60793-1-34
Optical Fibres - Part 1-34: Measurement Methods and Test
Procedures Fibre Curl (identical national adoption of IEC
60793-1-34 Optical Fibres and revision of ANSI/TIA 455

Methods and Test Procedures-Polarization Mode Dispersion
(identical national adoption of IEC 60793-1-48 and revision
of ANSI/TIA 455-122-B-2014) PINS: May 15, 2020 | Public

ANSI/TIA 455-160-B-2020, IEC-60793-1-50 Optical Fibres-
Part 1-50: Measurement Methods and Test Procedures-

ANSI/TIA 1152-A-2016 (R2021), Requirements for Field Test
Instruments and Measurements for Balanced Twisted-Pair

ANSI/TIA 1183-1-2016, Measurement Methods and Test
Fixtures for Balun-Less Measurements of Balanced
Components and Systems, Extending Frequency
Capabilities to 2 GHz. (addenda to ANSI/TIA-1183-2012)
Public Review: Oct 30, 2015 | Final Action: Jan 12, 2016 Approved

ANSI/TIA 1194-R1-2011 (R2017), Telecommunications - User
Premises Equipment - Surge Resistibility of Smart Grid
Equipment Connected to either DC or 120/240 V Single
Phase AC and Metallic Communication Lines (reaffirmation

ANSI/TIA 222-I-2023, Structural Standard for Antenna
Supporting Structures, Antennas and Small Wind Turbine
Support Structures (revision and redesignation of ANSI/TIA

ANSI/TIA 322-A-2023, Loading, Analysis, and Design Criteria
Related to the Installation, Alteration and Maintenance of
Communication Structures (revision and redesignation of
ANSI/TIA 322-2016) PINS: Dec 25, 2020 | Public Review:
May 26, 2023 | Final Action: Jul 19, 2023 Approved

ANSI/TIA 455-104-B-2016, FOTP 104- Fiber Optic Cable Cyclic
Flexing Test (revision and redesignation of ANSI/TIA 455
Nov 6, 2015 | Final Action: Feb 3, 2016 Approved

ANSI/TIA 455-11D-2010 (R2014), Vibration Test Procedure
for Fiber Optic Components and Cables (reaffirmation

ANSI/TIA 455-16-A-2000 (R2014), Salt Spray (Corrosion) Test
for Fiber Optic Components (reaffirmation of ANSI/TIA 455
Action: Dec 5, 2014 Approved

ANSI/TIA 455-171-B-2019, TIA-455-171B: Attenuation by
Substitution Measurement for Short Length Multimode
Graded Index and Single-Mode Optical Fiber Cable
Assemblies (new standard) PINS: Aug 28, 2015 | Public
Review: Aug 24, 2018 | Final Action: Mar 1, 2019 Approved


ANSI/TIA 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)*
  Approved

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

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

**TPI (Truss Plate Institute)**
2670 Crain Highway, Suite 203, Waldorf, MD  20601  |  w: www.tpinst.org

  Approved

**TVC (ASC Z80) (The Vision Council)**
225 Reinekers Lane, Suite 700, Alexandria, VA  22314  |  w: www.z80asc.com

  Approved

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

  Approved

- 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

  Approved

- ANSI Z80.10-2018, Tonometers *(revision of ANSI Z80.10-2014)*
  Approved

  Approved

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

- ANSI Z80.20-2016 (R2021), Ophthalmics - Contact Lenses - Standard Terminology, Tolerances, Measurements And Physicochemical Properties *(reaffirmation of ANSI Z80.20-2016)*
  - Public Review: Jun 18, 2021  |  Final Action: Sep 9, 2021  
  Approved

  Approved


ANSI Z80.7-2013 (R2018), Intraocular Lenses (reaffirmation of ANSI Z80.7-2013) PINS: Apr 13, 2018 | Public Review: Jul 27, 2018 | Final Action: Sep 25, 2018 Approved


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


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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 1069-2023, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2022) Public Review: May 26, 2023 | Final Action: Jul 14, 2023 Approved


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UL 1180-2017, Standard for Fully Inflatable Recreational
Personal Flotation Devices (revision of ANSI/UL 1180
-2012) Public Review: Sep 9, 2016 | Final Action: Jun 30,
2017 Approved

UL 1180-2021, Standard for Fully Inflatable Recreational
Personal Flotation Devices (revision of ANSI/UL 1180
-2020) Public Review: Mar 26, 2021 | Final Action: May 27,
2021 Approved

UL 1191-2019, Standard for Components for Personal
Flotation Devices (revision of ANSI/UL 1191-2018) Public
Review: Jun 8, 2018 | Final Action: May 28, 2019 Approved

UL 1191-2021, Standard for Components for Personal
Flotation Devices (revision of ANSI/UL 1191-2019) Public
Review: Feb 12, 2021 | Final Action: Apr 13, 2021 Approved

UL 1191-2023, Standard for Components for Personal
Flotation Devices (revision of ANSI/UL 1191-2022) Public
Review: Feb 17, 2023 | Final Action: May 30, 2023 Approved

UL 1201-2016, Standard for Sensor Operated Backwater

UL 1201-2018 (R2023), Standard For Safety for Sensor
Operated Backwater Prevention Systems (reaffirmation of
Action: Oct 11, 2023 Approved

UL 120202-2014 (R2022), Standard for Safety for
Recommendations for the Preparation, Content, and
Organization of Intrinsic Safety Control Drawings
(reaffirmation of ANSI/UL 120202-2014 (R2017)) Public
Review: Feb 18, 2022 | Final Action: Apr 11, 2022 Approved

UL 1203-2019, Standard for Safety for Explosion-Proof and
Dust-Ignition-Proof Electrical Equipment for Use in
Hazardous (Classified) Locations (revision of ANSI/UL 1203
2019 Approved

UL 1203-2020a, Standard for Safety for Explosion-Proof and
Dust-Ignition-Proof Electrical Equipment for Use in
Hazardous (Classified) Locations (revision of ANSI/UL 1203
-2020) Public Review: Jun 26, 2020 | Final Action: Jul 31,
2020 Approved

UL 1203-2022, Standard for Safety for Explosion-Proof and
Dust-Ignition-Proof Electrical Equipment for Use in
Hazardous (Classified) Locations (revision of ANSI/UL 1203
-2021) Public Review: Feb 25, 2022 | Final Action: Apr 5,
2022 Approved

UL 1180-2020, Standard for Fully Inflatable Recreational
Personal Flotation Devices (revision of ANSI/UL 1180
2020 Approved

UL 1180-2023, Standard for Fully Inflatable Recreational
Personal Flotation Devices (revision of ANSI/UL 1180
-2021) Public Review: Aug 18, 2023 | Final Action: Oct 16,
2023 Approved

UL 1191-2019a, Standard for Components for Personal
Flotation Devices (revision of ANSI/UL 1191-2018) Public
Review: Nov 16, 2018 | Final Action: May 28, 2019 Approved

UL 1191-2022, Standard for Components for Personal
Flotation Devices (March 25, 2022) (revision of ANSI/UL
1191-2021) Public Review: Mar 25, 2022 | Final Action:
Jun 22, 2022 Approved

UL 120002-2022, Recommended Practice for Certificates for
Equipment for Hazardous (Classified) Locations (revision of
ANSI/UL 120002-2009 (R2014)) Public Review: Jan 21,
2022 | Final Action: Mar 3, 2022 Approved

UL 1201-2016a, Standard for Sensor Operated Backwater

UL 120101-2019, Standard for Safety for Definitions and
Information Pertaining to Electrical Equipment in Hazardous
Locations (revision and redesignation of ANSI/ISA
12.01.01-2013) Public Review: Aug 16, 2019 | Final
Action: Dec 3, 2019 Approved

UL 1203-2018b, Standard for Safety for Explosion-Proof and
Dust-Ignition-Proof Electrical Equipment for Use in
Hazardous (Classified) Locations (revision of ANSI/UL 1203
2018 Approved

UL 1203-2020, Standard for Safety for Explosion-Proof and
Dust-Ignition-Proof Electrical Equipment for Use in
Hazardous (Classified) Locations (revision of ANSI/UL 1203
2020 Approved

UL 1203-2021, Standard for Safety for Explosion-Proof and
Dust-Ignition-Proof Electrical Equipment for Use in
Hazardous (Classified) Locations (revision of ANSI/UL 1203
2021 Approved

UL 1203-2022, Standard for Safety for Explosion-Proof and
Dust-Ignition-Proof Electrical Equipment for Use in
Hazardous (Classified) Locations (revision of ANSI/UL 1203
-2022) Public Review: Mar 17, 2023 | Final Action: Jul 10,
2023 Approved


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


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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/


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

- 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


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, 2018 | Final Action: Aug 1, 2018 Approved


UL 1727-2023, Safety for Commercial Electric Personal Grooming Appliances (revision of ANSI/UL 1727-2021) 
Public Review: Feb 24, 2023 | Final Action: Apr 13, 2023
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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 orNoncombustible Liquids (new standard) PINS: Jun 15, 2018 | Public Review: Jul 17, 2020 | Final Action: Jan 26, 2021 Approved


UL 22-2010 (R2023), Standard for Amusement and Gaming Machines (reaffirmation of ANSI/UL 22-2010 (R2019)) Public Review: May 26, 2023 | Final Action: Aug 16, 2023 Approved


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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 (RTCR) and Fittings (revision of ANSI/UL 2420-2014 (R2016)) Public Review: Dec 18, 2020 | Final Action: Apr 30, 2021 Approved
- UL 244B-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
- UL 244B-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
<table>
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<th>Standard Number</th>
<th>Description</th>
<th>Certification Status</th>
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<tr>
<td>UL 248-18-2022</td>
<td>Low-Voltage Fuses - Part 18: Class CD Fuses (new standard)</td>
<td>Final Action: Jun 8, 2023 Approved</td>
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<td>UL 248-7-2005</td>
<td>Standard for Safety for Low-Voltage Fuses - Part 7: Class H Renewable Fuses (reaffirmation of ANSI/UL 248-7-2005 (R2015))</td>
<td>Final Action: Jul 8, 2019 Approved</td>
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<td>UL 2515-2015</td>
<td>Standards for Safety for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515-2014)</td>
<td>Final Action: Jan 18, 2019 Approved</td>
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<td>UL 2515A-2016</td>
<td>Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2014)</td>
<td>Final Action: Jan 18, 2019 Approved</td>
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UL 305-2012 (R2022), Standard for Panic Hardware (reaffirmation of ANSI/UL 305-2012 (R2017)) Public Review: Jan 7, 2022 | Final Action: Mar 16, 2022 Approved


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Public Review: Nov 26, 2021 | Final Action: Mar 31, 2022 Approved

UL 4248-1-2023, Standard for Safety for Fuseholders - Part 1: General Requirements (new standard)
Public Review: Nov 4, 2022 | Final Action: Jul 21, 2023 Approved

UL 4248-4-2007 (R2018), Standard for Safety for Fuseholders - Part 4: Class CC (reaffirmation of ANSI/UL 4248-4-2007 (R2018))
Public Review: Apr 7, 2023 | Final Action: May 25, 2023 Approved

Public Review: Nov 26, 2021 | Final Action: Mar 31, 2022 Approved

UL 4248-8-2018, Standard for Safety for Fuseholders - Part 8: Class J (revision of ANSI/UL 4248-8-2013)

UL 428A-2019, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (EO - E85) (new standard)

Public Review: Mar 18, 2022 | Final Action: Jun 6, 2022 Approved
UL 448B-2020, Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B:2015 (R2019))

UL 428B-2022, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2021)
Public Review: Jul 8, 2022 | Final Action: Aug 22, 2022 Approved


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

UL 428B-2021, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2020)
Public Review: Nov 6, 2020 | Final Action: Jan 22, 2021 Approved


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


- 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 497B-2004 (R2017)) Public Review: May 6, 2022 | Final Action: Jul 25, 2022 Approved


UL 510A-2022, Standard for Safety for Component Tapes

UL 514A-2015a, Standard for Safety for Metallic Outlet Boxes

UL 514A-2022, Standard for Safety for Metallic Outlet Boxes

UL 514B-2020, Standard for Conduit, Tubing, and Cable Fittings
(revision of ANSI/UL 514B-2014) Public Review: Dec 6, 2019 | Final Action: May 22, 2020 Approved

UL 514C-2020a, Standard for Safety for Nonmetallic Outlet Boxes,
Flush-Device Boxes, and Covers

UL 525-2008 (R2017), Standard for Safety for Flame Arresters

UL 539-2018, Standard for Safety for Single and Multiple Station Heat Alarms

UL 541-2016, Refrigerated Vending Machines
(revision of ANSI/UL 541-2014) Public Review: Feb 12, 2016 | Final Action: Apr 21, 2016 Approved


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Public Review: Apr 5, 2019 | Final Action: Jun 11, 2019 Approved


Public Review: Apr 5, 2019 | Final Action: Jun 11, 2019 Approved


Public Review: Aug 12, 2022 | Final Action: Nov 18, 2022 Approved


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Public Review: Sep 13, 2019 | Final Action: Nov 25, 2019 Approved


Public Review: Jun 28, 2019 | Final Action: Sep 4, 2019 Approved


UL 60745-2-4-2018 (R2023), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (reaffirmation of ANSI/UL 60745-2-4-2009 (R2018))

Public Review: Aug 11, 2023 | Final Action: Sep 28, 2023 Approved

UL 60745-2-6-2009 (R2023), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular Requirements for Hammers (reaffirmation of ANSI/UL 60745-2-6-2009 (R2018))

Public Review: Sep 8, 2023 | Final Action: Oct 25, 2023 Approved
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  Public Review: Sep 7, 2018 | Final Action: Nov 7, 2018 Approved


- UL 60939-3-2017 (R2022), Standard for Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate (reaffirmation of ANSI/UL 60939-3-2017) Public Review: May 13, 2022 | Final Action: Jul 25, 2022 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


- UL 60978-7-4-2018 (R2022), Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-4: Ancillary Equipment-PCB Terminal Blocks for Copper Conductors (reaffirmation of ANSI/UL 60978-7-4-2018) Public Review: May 20, 2022 | Final Action: Jul 18, 2022 Approved


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


UL 61215-1-3-2023, 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 61215-1-3-2021) Public Review: Sep 15, 2023 | Final Action: Oct 19, 2023 Approved


UL 61058-2-6-2020, Standard for Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor operated hand-held tools, transportable tools and lawn and garden machinery (national adoption with modifications of IEC 61058-2-6) PINS: Mar 29, 2019 | Public Review: Jun 21, 2019 | Final Action: Mar 31, 2020 Approved


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 61215-1-4-2023, 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 61215-1-4-2023) Public Review: Jul 14, 2023 | Final Action: Aug 24, 2023 Approved


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ULS (UL Standards & Engagement)

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


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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


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UL 6420-2023, Standard for Equipment Used for System Isolation and Rated as a Single Unit (revision of ANSI/UL 6420-2012) Public Review: May 12, 2023 | Final Action: Jul 14, 2023 Approved


Public Review: Feb 12, 2021 | Final Action: Jun 3, 2021 Approved

UL 674-2020, Standard for Safety for Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations (revision of ANSI/UL 674-2017)  


UL 68-2013 (R2017), Standard for Safety for Electric-Fence Controllers (reaffirmation of ANSI/UL 68-2011)  
Public Review: Feb 16, 2018 | Final Action: Apr 20, 2018 Approved

UL 697-2012 (R2016), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012)  
Public Review: Jun 24, 2016 | Final Action: Aug 15, 2016 Approved

Public Review: Sep 16, 2022 | Final Action: Nov 4, 2022 Approved

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

- 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 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 797-2021, Standard for Electrical Metallic Tubing - Steel (revision of ANSI/UL 797-2012 (R2017)) Public Review: Jul 24, 2020 | Final Action: Mar 30, 2021 Approved


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


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UL 884-2016 (R2020), Standard for Underfloor Raceways and Fittings
UL 8802-2023, Standard for Safety for Ultraviolet (UV) Germicidal Equipment and Systems
UL 8801-2022, Standard for Safety for Photovoltaic (PV) Luminaire Systems (new standard)
UL 891-2019A, Standard for Safety for Switchboards (revision of ANSI/UL 891-2012)


UL 96-2023, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-2016) Public Review: Jan 20, 2023 | Final Action: May 9, 2023 Approved


ANSI C63.2-2023, Standard for Specifications of Electromagnetic Interference and Field Strength Measuring Instrumentation in the Frequency Range 9 kHz to 40 GHz (revision of ANSI C63.2-2016) PINS: Feb 12, 2021 | Public Review: Jul 29, 2022 | Final Action: May 24, 2023 Approved


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USEMISC (United States EMC Standards Corp.)
32151 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*


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<td>ANSI/VITA 76-2016</td>
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<td>Final Action: Dec 9, 2021 Approved</td>
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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 01) (Wood Machinery Manufacturers of America)

2331 Rock Spring Road, Forest Hill, MD 21050 | w: www.wmma.org


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