Approved American National Standards

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

Listed below are Approved American National Standards (ANS) as of 1/22/2024. 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.

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**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


- ANSI H35.3-2017 (R2024), Designation System for Aluminum Hardeners *(reaffirmation of ANSI H35.3-2017)* Public Review: Oct 13, 2023 | Final Action: Jan 11, 2024 **Approved**
AA (ASC H35) (Aluminum Association)

1400 Crystal Drive, Suite 430, Arlington, VA 22202 | w: www.aluminum.org

- ANSI H35.5-2013 (R2024), Nomenclature System for Aluminum Metal Matrix Composite Materials (reaffirmation of ANSI H35.5-2013 (R2017)) Public Review: Oct 13, 2023 | Final Action: Jan 11, 2024 Approved

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


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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


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


ANSI/AAMI ST58-2013 (R2018), Chemical sterilization and high-level disinfection in health care facilities (reaffirmation of ANSI/AAMI ST58-2013) Public Review: Jan 26, 2018 | Final Action: Sep 6, 2018 Approved


ANSI/AAMI ST77-2013 (R2018), Containment devices for reusable medical device sterilization (reaffirmation of ANSI/AAMI ST77-2013) Public Review: Jan 26, 2018 | Final Action: Sep 6, 2018 Approved


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


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

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


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 28739 | w: www.aarst.org


ABMA (American Brush Manufacturers Association)
1432 Riverwalk Ct., P.O. Box 102, dfrendt@abma.org, OH 43566 | w: www.abma.org


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


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


ABTG (Applied Building Technology Group)
6300 Enterprise Lane, Madison, WI 53719 | w: www.appliedbuildingtech.com


ABYC (American Boat and Yacht Council)
613 Third Street, Suite 10, Annapolis, MD 21403 | w: www.abycinc.org


The data in this document is reported as of Monday, January 22, 2024


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


ABYC (American Boat and Yacht Council)


ACCA (Air Conditioning Contractors of America)


ACCT (Association for Challenge Course Technology)

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


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


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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

- ANSI/ADA Standard No. 113-2015, Periodontal Curettes, Dental Sca


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


AGA (ASC B109) (American Gas Association)

400 N. Capitol St., NW, Suite 450, Washington, DC 20001 | w: www.aga.org


AGA (ASC 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


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


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


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


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


- ANSI/AHRI Standard 1210-2023 (SI/P), Performance Rating of Variable Frequency Drives (new standard) PINS: May 5, 2023 | Public Review: Sep 1, 2023 | Final Action: Dec 14, 2023 Approved


Provided by American National Standards Institute  www.ansi.org  Monday, January 22, 2024
Approved American National Standards

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


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

Approved American National Standards


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


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

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<td>Test Method for Louvers Impacted by Wind Borne Debris (revision of ANSI/AMCA 540-2013)</td>
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<td>Laboratory Methods of Aerodynamic Testing Fan Arrays for Rating (new standard)</td>
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AMCA (Air Movement and Control Association)
30 West University Drive, Arlington Heights, IL  60004-1893 | w: www.amca.org


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


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


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

Approved

ANSI/ANS 19.11-2017 (R2018), Calculation and Reactivity for Pressurized Water Reactors

Approved

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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


Approved American National Standards

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

- ANSI/ANS 3.4-2013 (R2023), Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants (reaffirmation of ANSI/ANS 3.4-2013 (R2018)) Public Review: Jun 2, 2023 | Final Action: Jul 19, 2023 Approved
- ANSI/ANS 41.5-2012 (R2023), Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation (reaffirmation of ANSI/ANS 41.5-2012 (R2018)) Public Review: Jul 7, 2023 | Final Action: Sep 7, 2023 Approved
- ANSI/ANS 3.2-2012 (R2022), Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (reaffirmation of ANSI/ANS 3.2-2012 (R2017)) Public Review: Mar 25, 2022 | Final Action: May 26, 2022 Approved


ANSI/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


Approved American National Standards

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


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


- ANSI/API Standard 537-2016, Flare Details for Petroleum, Petrochemical and Natural Gas Industries (new standard) 

- ANSI/API Standard 618-2008 (R2016), Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services 
  (reaffirm a national adoption ANSI/API 618-2008) 

  | Final Action: Feb 22, 2011 Approved

- ANSI/API Standard 619-2010 (R2022), Rotary-Type Positive Displacement Compressors for Petroleum, Petrochemical and Natural Gas Industries 

- ANSI/API Standard 662-2011, Safety standard Three-roll printing ink mills 
  (revision of ANSI B65/NAPIM 177.1-2017) PINS: Jun 1, 2018 | Public Review: Aug 10, 2018 
  | Final Action: Nov 7, 2018 Approved

- ANSI CGATS 12642-1 (IT8.7/3)-2015 (R2020), Graphic technology — Input data for characterization of four-colour process printing — Part 1: Initial data set 
  (reaffirm a national adoption ANSI CGATS 12642-1 (IT8.7/3)-2015) 
Approved American National Standards

APTech (ASC CGATS) (Association for Print Technologies)
450 Rev Kelly Smith Way, 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


ARESCA (American Renewable Energy Standards and Certification Association)


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


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


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)
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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


Approved American National Standards

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 S2) (Acoustical Society of America)
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ASA (ASC S2) (Acoustical Society of America)
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ASA (ASC S3) (Acoustical Society of America)
1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: www.acousticalsociety.org


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ASA (ASC S3) (Acoustical Society of America)
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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


Approved American National Standards


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/


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


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

- ANSI X9.98-2010 (R2017), Lattice-Based Polynomial Public Key Encryption Algorithm - Part 1: Key Establishment; Part 2: Data Encryption (reaffirmation of ANSI X9.98-2010)

  PINS: May 29, 2020 | Public Review: Jul 17, 2020 | Final Action: Sep 1, 2020 Approved

ASCA (Accredited Snow Contractors Association)
DJE Media, Inc., 389 Creekside Drive, Avon Lake, OH 44012 | w: www.ascaonline.org

- ANSI/ASCA A1000-2019, System Requirements for Snow and Ice Management (revision of ANSI/ASCA A1000-2014)
  PINS: Feb 1, 2019 | Public Review: May 17, 2019 | Final Action: Jul 1, 2019 Approved

ASCE (American Society of Civil Engineers)
1801 Alexander Bell Drive, Reston, VA 20191-4400 | w: www.asce.org

- ANSI/ASCE/CI 67-2017, SCHEDULE DELAY ANALYSIS STANDARD (new standard)

- ANSI/ASCE/EWRI 39-2015, Guidelines for Operational Hail Suppression Programs (new standard)


- ANSI/ASCE/EWRI 54-2016, Standard Guideline for the Geostatistical Estimation and Block-Averaging of Homogeneous and Isotropic Saturated Hydraulic Conductivity (new standard)


- ANSI/ASCE/EWRI 64-2016, Standard Guidelines for the Operation and Maintenance of Stormwater Impoundments (new standard)

- ANSI/ASCE/EWRI 65-2016, Calculation of the Saturated Hydraulic Conductivity of Fine-Grained Soils (new standard)


- ANSI/ASCE/EWRI 63-2016, Standard Guidelines for the Installation of Stormwater Impoundments (new standard)

- ANSI/ASCE/EWRI 65-2016, Calculation of the Saturated Hydraulic Conductivity of Fine-Grained Soils (new standard)


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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.)
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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: Jul 30, 1999 | Final Action: Nov 27, 2001 Approved
  Public Review: Jun 18, 1999 | Final Action: Nov 27, 2001 Approved
  Public Review: Dec 3, 1999 | Final Action: Nov 27, 2001 Approved
  Public Review: Dec 3, 1999 | Final Action: Nov 6, 2001 Approved
  Public Review: Jun 2, 2000 | Final Action: Apr 24, 2002 Approved
  Public Review: Jun 2, 2000 | Final Action: Nov 27, 2001 Approved
  Public Review: Apr 18, 2003 | Final Action: Sep 25, 2003 Approved
- ANSI/ASHRAE 90.4a-2018, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)
- ANSI/ASHRAE Addendum f to Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)
  Public Review: Mar 8, 2019 | Final Action: Jun 27, 2019 Approved
  Public Review: May 18, 2001 | Final Action: Sep 30, 2002 Approved
  Public Review: Nov 8, 2002 | Final Action: Jan 8, 2004 Approved
  Public Review: Jul 30, 1999 | Final Action: Dec 14, 2001 Approved
  Public Review: Dec 3, 1999 | Final Action: Nov 27, 2001 Approved
  Public Review: May 10, 2002 | Final Action: May 27, 2003 Approved
  Public Review: Jun 2, 2000 | Final Action: Apr 12, 2002 Approved
  Public Review: Jun 2, 2000 | Final Action: Apr 9, 2002 Approved
  Public Review: Jun 2, 2000 | Final Action: Apr 12, 2002 Approved
  Public Review: Jun 2, 2000 | Final Action: Nov 27, 2001 Approved
- ANSI/ASHRAE 90.4b-2018, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)
  Public Review: Sep 2, 2011 | Final Action: Jan 26, 2012 Approved


Approved American National Standards

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

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


Public Review: Mar 6, 2009 | Final Action: Jun 25, 2009 Approved


Public Review: Mar 24, 2023 | Final Action: Apr 28, 2023 Approved


Public Review: Jun 18, 2021 | Final Action: Jul 30, 2021 Approved


Public Review: Mar 4, 2022 | Final Action: Apr 29, 2022 Approved


Public Review: Apr 28, 2023 | Final Action: Jun 30, 2023 Approved


Public Review: Mar 19, 2021 | Final Action: Apr 30, 2021 Approved

Public Review: Sep 16, 2011 | Final Action: Jan 26, 2012 Approved

Public Review: Jun 4, 2021 | Final Action: Jul 30, 2021 Approved


Public Review: Sep 8, 2017 | Final Action: Feb 21, 2018 Approved


Approved American National Standards

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


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ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 135-2020, Designation and Safety Classification of Refrigerants
Public Review: Aug 20, 2021 | Final Action: Jan 21, 2022 Approved


ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 135-2020, BACnet® - A Data Communication Protocol for Building Automation and Control Networks


ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 135-2020, BACnet® - A Data Communication Protocol for Building Automation and Control Networks


ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 135-2020, BACnet® - A Data Communication Protocol for Building Automation and Control Networks
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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 Addendum k to ANSI/ASHRAE Standard 34
  -2019, Designation and Safety Classifications of Refrigerants (addenda to ANSI/ASHRAE Standard 34


- ANSI/ASHRAE Addendum I to ANSI/ASHRAE Standard 154

- ANSI/ASHRAE Addendum I to ANSI/ASHRAE Standard 34

- ANSI/ASHRAE Addendum m to ANSI/ASHRAE Standard 135.1

- ANSI/ASHRAE Addendum m to ANSI/ASHRAE Standard 154


- ANSI/ASHRAE Addendum n to ANSI/ASHRAE Standard 154

- ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 15

- ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 34

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- ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 15

- ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 55
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Public Review: Feb 14, 2020 | Final Action: Jul 6, 2020 Approved

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ANSI/ASHRAE/ICC/USGBC/IES Addendum ax to

ANSI/ASHRAE/ICC/USGBC/IES Addendum ay to
Public Review: Feb 14, 2020 | Final Action: Jul 6, 2020 Approved

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Public Review: Feb 14, 2020 | Final Action: Sep 1, 2020 Approved

ANSI/ASHRAE/ICC/USGBC/IES Addendum ba to
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ANSI/ASHRAE/ICC/USGBC/IES Addendum bc to
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ANSI/ASHRAE/ICC/USGBC/IES Addendum bd to

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Public Review: Nov 16, 2018 | Final Action: Jun 27, 2019 Approved


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

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

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

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


Public Review: Mar 9, 2018 | Final Action: Jul 24, 2019 Approved

ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES
Standard 100-2018, Energy Efficiency in Existing Buildings

ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES

ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES

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ASME (American Society of Mechanical Engineers)
2 Park Avenue, New York, NY 10016-5990 | w: www.asme.org
• ANSI B94.21-1968 (R2019), Gear Shaper Cutters

• ANSI/API 579-1/ASME FFS-1-2021, Fitness-For-Service

• ASME A112.1.3-2000 (R2019), Air Gap Fittings for Use With
  Plumbing Fixtures, Appliances, and Appurtenances
  (reaffirmation of ANSI/ASME A112.1.3-2000 (R2015))
  Public Review: Sep 20, 2019 | Final Action: Dec 2, 2019 Approved

• ASME A112.14.3/CSA B481.1-2022, Hydromechanical
  Grease Interceptors (revision and redesignation of

• ASME A112.18.2/CSA B125.2-2015 (R2019), Plumbing

• 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 A112.18.8-2020, In-Line Sanitary Waste Valves for

• ASME A112.19.1/CSA B45.2-2018, Enamelled Cast Iron and

• ASME A112.19.12-2014 (R2019), Wall Mounted, Pedestal
  Mounted, Adjustable, Elevating, Tilting, and Pivoting
  Lavatory, Sink, and Shampoo Bowl Carrier Systems and

• ANSI CSA B44.1/ASME A17.5-2019, Elevator and Escalator

• ASME A112.12-2012 (R2022), Air Gaps in Plumbing Systems
  (For Plumbing Fixtures and Water-Connected Receptors)
  (reaffirmation of ANSI/ASME A112.12-2012 (R2017))
  Public Review: Mar 11, 2022 | Final Action: May 17, 2022 Approved

• ASME A112.14.1-2003 (R2022), Backwater Valves
  Public Review: Mar 11, 2022 | Final Action: May 17, 2022 Approved

• ASME A112.14.4/CSA B481.5-2022, Grease Removal
  Devices (revision and redesignation of ANSI/ASME A112.14.4-2001 (R2017))
  PINS: Jul 31, 2020 | Public Review: Mar 4, 2022 | Final Action: May 9, 2022 Approved

• ASME A112.18.1-2012/CSA B125.1-2018, Plumbing Supply


• ASME A112.18.9-2011 (R2022), Protectors/Insulators for
  Exposed Waste and Supplies on Accessible Fixtures
  (reaffirmation of ANSI/ASME A112.18.9-2011 (R2017))
  Public Review: Feb 4, 2022 | Final Action: Apr 25, 2022 Approved

• ASME A112.19.10-2017 (R2022), Retrofit Dual Flush Devices

• ASME A112.19.14-2013 (R2018), Six-Liter Water Closets
  Equipped with a Dual Flushing Device (reaffirmation of


ASME A112.19.3-2016 (R2021), Pressure Seal Buttress for Urinals (reaffirmation of ANSI/ASME A112.19.3-2016) Public Review: Mar 11, 2021 | Final Action: Jun 1, 2021 Approved


ASME A112.3.6.2M-2008 (R2017), Cleanouts (reaffirmation of ANSI/ASME A112.3.6.2M-2008 (R2012)) Public Review: Feb 17, 2017 | Final Action: May 4, 2017 Approved


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


ASME (American Society of Mechanical Engineers)
2 Park Avenue, New York, NY 10016-5990 | w: www.asme.org

- ASME A17.7/CSA B44.7-2006 (R2022), Performance-based safety code for elevators and escalators (reaffirmation of ANSI/ASME A17.7/CSA B44.7-2006 (R2012)) PINS: Jul 9, 2021 | Public Review: Feb 4, 2022 | Final Action: Sep 2, 2022 Approved

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


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

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


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


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 B89.1.6-2002 (R2022), Measurement of Plain Internal Diameters for Use as Master Rings or Ring Gages (reaffirmation of ANSI/ASME B89.1.6-2002 (R2017)) Public Review: Jun 24, 2022 | Final Action: Sep 1, 2022 Approved


ASME B89.3.4-2010 (R2019), Axes of Rotation: Methods for Specifying and Testing (reaffirmation of ANSI/ASME B89.3.4-2010 (R2015)) Public Review: May 31, 2019 | Final Action: Aug 1, 2019 Approved


ASME B89.7.6-2019 , Guidelines for the Evaluation of Uncertainty of Test Values Associated with the Verification of Dimensional Measuring Instruments to their Accuracy Specifications (new standard) PINS: Sep 15, 2017 | Public Review: Sep 27, 2019 | Final Action: Oct 31, 2019 Approved


ASME B89.1.5-1998 (R2019), Measurement of Plain External Diameters for Use as Master Discs or Cylindrical Plug Gages (reaffirmation of ANSI/ASME B89.1.5-1998 (R2014)) Public Review: May 31, 2019 | Final Action: Aug 1, 2019 Approved


ASME B89.3.7-2013 (R2023), Granite Surface Plates (reaffirmation of ANSI/ASME B89.3.7-2013 (R2018)) Public Review: Dec 23, 2022 | Final Action: Feb 24, 2023 Approved


ASME B89.7.2-2014 (R2019), Dimensional Measurement Planning (reaffirmation of ANSI/ASME B89.7.2-2014) Public Review: May 31, 2019 | Final Action: Aug 1, 2019 Approved

ASME B89.7.3.3-2002 (R2022), Guidelines for Assessing the Reliability of Dimensional Measurement Uncertainty Statements (reaffirmation of ANSI/ASME B89.7.3.3-2002 (R2017)) Public Review: May 13, 2022 | Final Action: Jul 29, 2022 Approved


ASME B94.33-1996 (S2016), Jig Bushings Provided by American National Standards Institute www.ansi.org Monday, January 22, 2024
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<td>ASME B94.51M-2010 (S2016)</td>
<td>Specifications for Band Saw Blades (Metal Cutting) (stabilized maintenance of ANSI/ASME B94.51M-2010 (R2015))</td>
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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 VIII-2023, Rules for Construction of Pressure Vessels (revision of ANSI/ASME BPVC Section VIII -2021) Public Review: Dec 23, 2022 | Final Action: Mar 8, 2023 Approved


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ASME-3-2022, Nonmetallic Materials
Part 1: Thermoplastic Material Specifications
Part 2: Thermoset Material Specifications


ASME NUM-1-2023, Rules for Construction of Cranes, Monorails, and Hoists (with Bridge or Trolley or Hoist of the Underhung Type) (revision of ANSI/ASME NUM-1-2016) Public Review: Sep 29, 2023 | Final Action: Dec 4, 2023 Approved


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ASNT (American Society for Nondestructive Testing)
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ASTM E1412-2019, Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration With Activated Charcoal


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


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

- 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
ASTM F1106-1987 (R2023), Specification for Warping Heads, Rope Handling (Gypsy Head, Capstan Head) (reaffirmation of ANSI/ASTM F1106-87 (R2018)) Public Review: Jun 2, 2023 | Final Action: Jul 18, 2023 Approved


ASTM (ASTM International)

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


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)

- 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 F2434-2019, Specification for Metal Insert Fittings


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


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- 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, Q 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


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- 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 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 1000632-1993 (S2018), ISDN Supplementary Service Normal Call Transfer (reaffirmation of ANSI ATIS 1000632-1993 (R2014)) Public Review: Jun 21, 2019 | Final Action: Sep 9, 2019 Approved


ANSI ATIS 1000660-1998 (S2018), Signaling System Number 7 - Call Completion to a Portable Number - Integrated Text (stabilized maintenance of ANSI ATIS 1000660-1998 (R2013)) Public Review: Nov 24, 2017 | Final Action: Feb 6, 2018 Approved


ANSI ATIS 1000678.b.v2-2010 (R2018), Supplement B to ATIS-1000678.v2.2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (reaffirmation of ANSI ATIS 1000678.b.v2-2010 (R2013)) 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: Mar 18, 2022 | Final Action: May 9, 2022 Approved
ANSI/ATIS 0600010.03-2011 (S2021), Heat Dissipation Requirements for Network Telecom Equipment (stabilized maintenance of ANSI/ATIS 0600010.03-2011 (R2016))
Public Review: Dec 18, 2020 | Final Action: Feb 26, 2021 Approved

Public Review: Apr 7, 2023 | Final Action: May 25, 2023 Approved

Public Review: Jul 29, 2022 | Final Action: Sep 15, 2022 Approved

ANSI/ATIS 0600015.01-2021, Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting – Server Requirements (revision of ANSI/ATIS 0600015.01-2014)

Public Review: Sep 17, 2021 | Final Action: Nov 4, 2021 Approved

ANSI/ATIS 0600015.03-2023, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products (revision of ANSI/ATIS 0600015.03-2016)
Public Review: Apr 7, 2023 | Final Action: May 25, 2023 Approved

PINS: Nov 18, 2022 | Public Review: Dec 30, 2022 | Final Action: Mar 30, 2023 Approved

Public Review: Jul 12, 2019 | Final Action: Nov 19, 2019 Approved

PINS: Jan 8, 2021 | Public Review: Nov 26, 2021 | Final Action: Jan 13, 2022 Approved

Public Review: Sep 17, 2021 | Final Action: Nov 4, 2021 Approved

ANSI/ATIS 0600016-2018 (R2023), Remote End POTS Splitter Requirements (reaffirmation of ANSI/ATIS 0600016-2018)
Public Review: Apr 7, 2023 | Final Action: May 25, 2023 Approved

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The data in this document is reported as of Monday, January 22, 2024


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


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


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


• ANSI/ATIS 1000620a-2014 (R2019), Multi-Rate Circuit-Mode Bearer Service for ISDN - Addendum to the Circuit-Mode Bearer Service Category Description (reaffirmation of ANSI ATIS 1000620a-2014) Public Review: Jun 21, 2019 | Final Action: Sep 9, 2019 Approved


• ANSI/ATIS 1000634-1993 (S2016), Frame Relaying Service


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


ATSIP (Association of Transportation Safety Information Professionals)
2351 Freedom Way, Suite 201, York, PA  17402 | w: www.atsip.org

AVIXA (Audiovisual and Integrated Experience Association)

11242 Waples Mill Road, Suite 200, Fairfax, VA  22030 | w: www.avixa.org


AWC (American Wood Council)

222 Catoctin Circle, Suite 201, Leesburg, VA  20175 | w: www.awc.org


AWI (Architectural Woodwork Institute)

46179 Westlake Drive, Suite 120, Potomac Falls, VA  20165-5874 | w: www.awinet.org


AWPA (ASC O5) (American Wood Protection Association)
P.O. Box 361784, Birmingham, AL  35236-1784 | w: www.awpa.com


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


AWS A3.0M/A3.0-2019, Standard Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying (new standard)

- AWS A5.10/A5.10M (ISO 18273-2023 MOD), Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods (national adoption of ISO 18273 with modifications and revision of ANSI/AWS A5.10/A5.10M-2016 (ISO 18273-2015 MOD)) PINS: Jul 2, 2023 | Final Action: Feb 17, 2023 Approved


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


PINS: Sep 17, 2021 | Public Review: Nov 12, 2021 | Final Action: Nov 14, 2022 Approved

PINS: Sep 17, 2021 | Public Review: Nov 12, 2021 | Final Action: Nov 14, 2022 Approved


AWS B2.1-1-008-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1, P-1, or S-1), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-008-2002 (R2013))
PINS: Sep 17, 2021 | Public Review: Nov 12, 2021 | Final Action: Nov 14, 2022 Approved

AWS B2.1-1-012-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel, 10 through 18 Gauge (M-1, P-1, or S-1 to M-1, P-1, or S-1), in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-012-2002 (R2013))
PINS: Sep 17, 2021 | Public Review: Nov 12, 2021 | Final Action: Nov 14, 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 B2.1-1-206-2019, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Mar 30, 2018 | Public Review: Aug 31, 2018 | Final Action: Mar 1, 2019 Approved


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


AWS B2.1-1-211-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] thick, INMs-1, ER70S-2, and E7018, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved

AWS (American Welding Society)
AWS B2.1-1-232-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3 and E71T-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Aug 26, 2016 | Public Review: Apr 27, 2018 | Final Action: Jul 31, 2019 Approved


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

AWS B2.1-1-233-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Aug 26, 2016 | Public Review: Apr 27, 2018 | Final Action: Jul 31, 2019 Approved


AWS B2.1-1-8-228-2023, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E309(L)-15, -16, or -17, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-8-228-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved
AWS B2.1-1/8-229-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER309(L) and E309(L)-15, -16, or -17, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1/8-229-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved


AWS B2.1-1/8-230-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/16 inch [1.5 mm] through 1-1/2 inch [38 mm] Thick, IN309 and ER309(L), As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1/8-230-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved


AWS (American Welding Society)
8669 NW 36th Street, Suite 130, Miami, FL 33166-6872 | w: www.aws.org


AWS B2.1-8-216-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, IN3XX, ER3XX, and E3XX-XX, As-Welded Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved


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


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


AWS (American Welding Society)
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AWS (ASC Z49) (American Welding Society)


AWWA (American Water Works Association)


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AWWA (American Water Works Association)
6666 W. Quincy Avenue, Denver, CO  80235 | w: www.awwa.org

- ANSI/AWWA B130-2023, Membrane Bioreactor Systems
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AWWA (American Water Works Association)
6666 W. Quincy Avenue, Denver, CO 80235 | w: www.awwa.org

- 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 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 C301a-2023, Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (addenda to ANSI/AWWA C301-2014 (R2019)) PINS: Mar 12, 2021 | Public Review: Jun 23, 2023 | Final Action: Jan 2, 2024 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 C623-2021, Cured-in-Place Pipe (CIPP) Rehabilitation of Pressurized Potable Water Pipelines, 4 in. (100 mm) and Larger (new standard) PINS: Apr 23, 2010 | Public Review: Nov 5, 2021 | Final Action: Dec 16, 2021 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 C909-2022, Mollecularly Oriented Polyvinyl Chloride (PVC) Pressure Pipe, 4 in. (100 mm) and Larger (revision of ANSI/AWWA C909-2015) PINS: Sep 1, 2017 | Public Review: Apr 9, 2021 | Final Action: Jun 15, 2021 Approved


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


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

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B11 (B11 Standards, Inc.)
PO Box 690905, Houston, TX 77269-0905 | w: https://www.b11standards.org/

- ANSI B11.9-2010 (R2020), Safety Requirements for Grinding Machines (reaffirmation of ANSI B11.9-2010 (R2015))

- ANSI/B11.15-2022, Safety Requirements for Bar, Pipe, Tube, and Shape Bending Machines (revision of ANSI B11.15-2001 (R2020))


- ANSI/B11.3-2022, Safety Requirements for Power Press Brakes (revision of ANSI B11.3-2012 (R2020))

BHCCE (Behavioral Health Center of Excellence)
8033 Sunset Blvd, #1093, Los Angeles, CA 90046 | w: www.bhcoce.org


BHMA (Builders Hardware Manufacturers Association)
17 Faulkner Drive, Niantic, CT 06357 | w: www.buildershardware.com

- ANSI/BHMA A156.1-2016, Butts and Hinges (revision of ANSI/BHMA A156.1-2013)

- ANSI/BHMA A156.10-2017, Power Operated Pedestrian Doors (revision of ANSI/BHMA A156.10-2011)


- 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/B11.0-2023, Safety of Machinery (revision of ANSI B11.0-2020)

  PINS: Dec 16, 2022 | Public Review: Feb 28, 2023 Approved

- ANSI/B11.25-2022, Safety Requirements for Large Machines

- ANSI/B11.20-2012, Safety of machinery - General principles for design - Risk assessment and risk reduction


- ANSI/BHCCE 201-2022, Standards of Excellence for Applied Behavior Analysis Services

- ANSI/BHMA A156.1-2021, BHMA A156.1 Standard for Butts and Hinges (revision of ANSI/BHMA A156.1-2016)

- ANSI/BHMA A156.11-2019, Standard for Cabinet Locks

  PINS: Dec 18, 2020 | Public Review: Sep 9, 2022 | Final Action: Nov 15, 2022 Approved

- ANSI/BHMA A156.15-2021, Release Devices – Closer Holder, Electromagnetic And Electromechanical

- ANSI/BHMA A156.17-2014 (R2019), Standard for Self Closing Hinges and Pivots


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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BHMA (Builders Hardware Manufacturers Association)
17 Faulkner Drive, Niantic, CT 06357 | w: www.buildershardware.com


BICSI (Building Industry Consulting Service International)
8610 Hidden River Parkway, Tampa, FL 33637 | w: www.bicsi.org

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BIFMA (Business and Institutional Furniture Manufacturers Association)
678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368 | w: www.bifma.org


- ANSI/BIFMA X5.5-2021, Desk and Table Products (revision of ANSI/BIFMA X5.5-2014) PINS: Sep 7, 2018 | Public Review: Nov 27, 2020 | Final Action: Feb 8, 2021 Approved


BOMA (Building Owners and Managers Association)
1101 15th Street, NW, Suite 800, Washington, DC 20005 | w: www.boma.org


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**BPI (Building Performance Institute)**

66 Putnam Street, Suite 202, Saratoga Springs, NY 12866 | w: www.bpi.org


**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

CEMA (Conveyor Equipment Manufacturers Association)  
27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | w: www.cemanet.org


CGA (Compressed Gas Association)  
8484 Westpark Drive, Suite 220, McLean, VA 22102 | w: www.cganet.com


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


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


ANSI Z21.77-2005 (R2020), Standard for Manually-Operated 
Piexo-Electric Spark Gas Ignition Systems and Components 
(same as CSA 6.23 (reaffirmation of ANSI Z21.77-2005 
(R2015))) Public Review: Nov 29, 2019 | Final Action: Jan 
14, 2020 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

ANSI Z21.8-1994 (R2022), Installation Of Domestic Gas 
Conversion Burners, Same As Csa Z21.8 (reaffirmation of 
Final Action: Sep 8, 2022 Approved

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

ANSI Z21.86-2016 (R2021), Vented gas-fired space heating 
appliances, same as CSA 2.32 (reaffirmation of ANSI 
Z21.86-2016) Public Review: Sep 24, 2021 | Final Action: 
Nov 9, 2021 Approved

ANSI Z21.87-2007 (R2021) and ANSI Z21.87a-2010 (R2021), 
Automatic gas shutoff devices for hot water supply systems, 
same as CSA 4.6 (reaffirmation of ANSI Z21.87-2007 
(R2017) and ANSI Z21.87a-2010 (R2017)) Public Review: 
Aug 27, 2021 | Final Action: Oct 12, 2021 Approved

ANSI Z21.89-2023, Outdoor cooking specialty gas appliances 
(same as CSA 1.18-2023 (revision of ANSI Z21.89-2017) 
PINS: Sep 2, 2022 | Public Review: Apr 14, 2023 | Final 
Action: May 30, 2023 Approved

ANSI Z21.90a-2021/CSA 6.24A-2021, Gas Convenience 
Outlets and Optional Enclosures, same as CSA 6.24a 
Public Review: Jan 22, 2021 | Final Action: Mar 9, 2021 
Approved

ANSI Z21.91-2019, Ventless Firebox Enclosures For Gas-Fired 
Unvented Gas Log Type Room Heaters (revision of ANSI 
Z21.91-2001 (R2005)) PINS: Apr 6, 2018 | Public Review: 
Jul 5, 2019 | Final Action: Dec 30, 2019 Approved

ANSI Z21.93-2017 (R2022), Excess flow valves for natural 
gas and propane gas with pressures up to 5 psig, same as 
Review: Feb 4, 2022 | Final Action: Mar 22, 2022 Approved

ANSI Z21.78-2010 (R2020)/CSA 6.20-2010 (R2020), 
Combination Gas Controls For Gas Appliances, Same As 
CSA 6.20 (reaffirmation of ANSI Z21.78-2010 (R2015) 
/CSA 6.20-2010 (R2015)) Public Review: Dec 20, 2019 | 
Final Action: Feb 4, 2020 Approved

ANSI Z21.79-1997 (R2021), Gas appliance sediment traps, 
same as CGA 6.21, same as 2010 (R2017 (reaffirmation of 
| Final Action: Oct 12, 2021 Approved

ANSI Z21.80-2019 (R2023), Line pressure regulators (same 
Review: Nov 3, 2023 | Final Action: Jan 2, 2024 Approved

ANSI Z21.84-2017 (R2021), Manually lighted, natural gas, 
decorative gas appliances for installation in solid-fuel 
burning appliances, same as CSA Z21.84 (reaffirmation of 
Action: Dec 16, 2021 Approved

ANSI Z21.87-2007 (R2017) and ANSI Z21.87a-2010 (R2017), 
Automatic Gas Shutoff Devices For Hot Water 
Supply Systems and Components (reaffirmation of ANSI 
Z21.87-2007 (R2011) and Add A) Public Review: Oct 28, 
2016 | Final Action: Jan 3, 2017 Approved

ANSI Z21.88-2019, Vented gas fireplace heaters, same as 
CSA 2.33 (revision and redesignation of ANSI Z21.88 
| Final Action: Jul 22, 2019 Approved

ANSI Z21.90-2019, Gas Convenience Outlets and Optional 
Enclosures, same as CSA 6.24 (revision of ANSI Z21.90 
Final Action: Nov 11, 2019 Approved

ANSI Z21.91-2017, 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 
-2007 (R2012)) Public Review: Aug 26, 2016 | Final Action: 
Jan 3, 2017 Approved

Operated Electric Gas Ignition Systems and Components, 
same as CSA 6.29 (reaffirmation of ANSI Z21.92-2001 
(R2016) Add A & Add B (R2016)) Public Review: Aug 27, 
2021 | Final Action: Oct 12, 2021 Approved

Automatic Flammable Vapor Sensor System, Components, 
Same As CSA 6.31 (reaffirmation of ANSI 
Public Review: Mar 5, 2021 | Final Action: Apr 22, 2021 Approved
Approved American National Standards

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

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


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


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CSA (CSA America Standards Inc.)

178 Rexdale Boulevard, Toronto, Ontario M9W 1R3, Ontario M9W 1R3 | w: www.csagroup.org

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

- ANSI/FC 1 CSA C22.2 No. 62282-3-100-2021, Fuel cell technologies — Part 3-100: Stationary fuel cell power systems — Safety (national adoption of ISO 62282-3-100 with modifications and revision of ANSI/CSA FC-1-2014 (R2018)) PINS: Dec 27, 2019 | Public Review: Feb 9, 2021 Approved
- ANSI/NGV 4.6a-2021, Manually operated valves for natural gas dispensing systems (reaffirmation of ANSI/CSA NGV 4.6 -2020) PINS: Feb 5, 2021 | Approved
- BSR/CSA NGV 4.6-202x, Manually operated valves for natural gas dispensing systems (reaffirmation 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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CTA (Consumer Technology Association)
1919 South Eads Street, Arlington, VA 22202 | w: www.cta.tech


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


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


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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ANSI/EIA 364-38D-2014)


ANSI/EIA 364-78C-2018 (R2023), Cavity Leakage Bonding Integrity Test Procedure for Electrical Connectors


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Fixed Polyethylene-Terephthalate Film Dielectric Metal Foil d.c. Capacitors (reaffirmation of ANSI/EIA 60384-11:2014)
Public Review: Jan 1, 2021 | Final Action: Aug 10, 2021 Approved


ANSI/EIA 60384-16:2022, Fixed Capacitors for Use in Electronic Equipment Part 16: Sectional specification:

Fixed Metallized Polypropylene Film Dielectric a.c. and Pulse Capacitors (identical national adoption of IEC 60384-17:2019 ED3) PINS: Nov 12, 2021 | Public Review: Apr 15, 2022 | Final Action: Sep 13, 2022 Approved


ANSI/EIA 60384-16:2021 (R2021), Fixed Capacitors for Use in Electronic Equipment Part 16: Sectional specification:


Approved American National Standards

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


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


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


- ANSI/EIA 948-2004 (R2023), Component Tray for Automated Handling (reaffirmation of ANSI/EIA 948-2004 (R2017)) PINS: Nov 12, 2021 | Public Review: Apr 14, 2023 | Final Action: Jun 1, 2023 Approved


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

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


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 (reaffirmation of ANSI E1.57 -2016) Public Review: Feb 19, 2021 | Final Action: May 5, 2021 Approved
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

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


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


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


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


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


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


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


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

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**FM (FM Approvals)**

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


**GBI (Green Building Initiative)**

7805 S.W. 40th #80010, Portland, OR  97280 | w: www.thegbi.org


**GISC (ASC Z97) (Glazing Industry Secretariat Committee)**

730 Worcester Street, Springfield, MA  01151 | w: www.ansiz97.com


**GTESS (Georgia Institute of Technology Energy & Sustainability Services)**

75 Fifth Street N.W, Suite 3001, Atlanta, GA  30332-0640 | w: www.innovate.gatech.edu


**HFES (Human Factors & Ergonomics Society)**

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


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


HI (Hydraulic Institute)

Certification of American National Standards

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

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HIBCC (Health Industry Business Communications Council)

2525 E. Arizona Biltmore Circle Ste. 127, Phoenix, AZ 85016 | w: www.hibcc.org


HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | w: www.hl7.org


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HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | w: www.hl7.org


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HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI  48108 | w: www.hl7.org


Home Innovation (Home Innovation Research Labs)

400 Prince George's Boulevard, Upper Marlboro, MD  20774 | w: www.HomeInnovation.com


HPS (ASC N13) (Health Physics Society)

950 Herndon Parkway, Suite 450, Herndon, VA  20170 | w: www.hps.org


HPS (ASC N43) (Health Physics Society)

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


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<td>ANSI N43.4-2021, Classification of Radioactive Self-Luminous Light Sources (revision of ANSI N43.4-2013) PINS: Oct 16, 2020</td>
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IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)
4755 E. Philadelphia Street, Ontario, CA 91761 | w: www.asse-plumbing.org


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


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


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

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


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


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


- IEEE 1673-2015, Standard for Requirements for Conduit and Cable Seals for Field Connected Wiring to Equipment in Petroleum and Chemical Industry Exposed to Pressures above Atmospheric (1.5 kPa, 0.22 psi) (new standard) PINS: Mar 19, 2010 | Public Review: May 27, 2016 | Final Action: May 5, 2017 Approved

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


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

- IEEE 1900-2016, Approved American National Standards
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 (Institute of Electrical and Electronics Engineers)
445 Hoes Lane, Piscataway, NJ 08854-4141 | w: www.ieee.org


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 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


Approved American National Standards

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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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


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

- ANSI/IKECA M-10-2023, Standard for the Methodology for Maintenance of Commercial Kitchen Exhaust Systems
  Approved

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

  Approved

  Approved

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

  Approved

  Approved

  Approved

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

  Approved

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

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


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


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

- ANSI/ISA 61511-3 (84.00.01)-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels (identical national adoption of IEC 61511-3 Ed. 2.0) PINS: Sep 16, 2016 | Public Review: Dec 23, 2016 | Final Action: Apr 17, 2018 Approved


ANSI/ISA 62453-1 (103.00.01)-2018, Field device tool (FDT) interface specification - Part 1: Overview and guidance (national adoption of IEC 62453-1 with modifications and revision of ANSI/ISA 62453-1 (103.00.01)-2011) PINS: Mar 18, 2016 | Public Review: Jul 27, 2018 | Final Action: Sep 21, 2018 Approved


ANSI/ISA 75.08.01-2016, Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies (Classes 125, 150, 250, 300, and 600) (revision of ANSI/ISA 75.08.01-2002 (R2007)) PINS: Oct 7, 2011 | Public Review: Apr 15, 2016 | Final Action: Jul 28, 2016 Approved

ANSI/ISA 75.08.05-2016, Face-to-Face Dimensions for Butt weld-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 75.08.09-2016, Face-to-Face Dimensions for Sliding Stem Flangeless Control Valves (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.09-2005 (R2010)) PINS: Feb 27, 2015 | Public Review: Nov 20, 2015 | Final Action: Mar 11, 2016 Approved

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


ANSI/ISA 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


ISA (Organization) (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC  27703 | w: www.isa.org


ISANTA (International Staple, Nail and Tool Association)

8735 W. Higgins Road, Suite 300; c/o Association Management Center, Chicago, IL  60631


ISDI (ASC MH2) (Industrial Steel Drum Institute)

P.O. Box 8570, Alexandria, VA  22306-8570 | w: www.whysteeldrums.org


ISEA (International Safety Equipment Association)

1101 Wilson Blvd, Suite 1425, Arlington, VA  22209 | w: www.safetyequipment.org

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


ISEA (ASC Z87) (International Safety Equipment Association)
1101 Wilson Boulevard, 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

ISTA (International Safe Transit Association)
1400 Abbot Road, Suite 160, East Lansing, MI  48823 | w: www.ista.org


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

- INCITS 103-1983 [S2021], Unrecorded Magnetic Tape Minicassette For Information Interchange, Coplanar 3.81 mm (0.150 Inch) (stabilized maintenance of INCITS 103-1983 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 29, 2011 Approved
- INCITS 100a-1991 [S2020], Information Systems - Interface between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Operation with Packet-Switched Data Communications Networks (PSDN), or between Two DTEs, by Dedicated Circuit Addendum (stabilized maintenance of INCITS 100a-1991 (R2005)) Public Review: Feb 12, 2010 | Final Action: Jul 7, 2010 Approved

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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 136-1986 [S2017], Serial Recorded Magnetic Tape Cartridge for Information Interchange, Four and Nine Track, 0.250 Inch (6.30 mm), 8000 bpi (315 bpm), 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 ftpmm (6400 to 10000 ftpi) (stabilized maintenance of INCITS 164-1990 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 29, 2011 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 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


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

- INCITS 197-1991 [S2017], Information Systems - Unrecorded Magnetic Tape and Cartridge for Information Interchange 1/2 in (12.65 mm), Serial Serpentine, 22-Track, 6667 ftpi (262 ftpmm) and 48-Track, 10,000 ftpi (394 ftpmm) (stabilized maintenance of INCITS 197-1991 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 23, 2007 Approved


INCITS 227-1996 [S2021], Recorded Magnetic Tape Mini-Card for Information Interchange - Serial, 0.250 in (6.30 mm) 20 Tracks, 10 000 bpi (394 bpm) and 28-Track, 14 700 bpi (579 bpm), MFM Encoded (stabilized maintenance of INCITS 227-1996 (R2006)) 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 bpmm), 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 247-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 10 000 - 14 700 fti (394 579 ftpmm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 2000, 2060, 2080, 2120) (stabilized maintenance of INCITS 247-1995 (R2005)) Public Review: Feb 12, 2010 | Final Action: Jul 7, 2010 Approved


INCITS 249-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 20 000 ftpi (787 ftppm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 6320, 6525, 6080, 6081) (stabilized maintenance of INCITS 249-1995 (R2005)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


INCITS 251-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 20 000 ftpi (787 ftppm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 6320, 6525, 6080, 6081) (stabilized maintenance of INCITS 251-1995 (R2005)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


INCITS 256-1996 [S2021], Extended Magnetic Tape Format for Information Interchange, 36-track, Parallel Serpentine, 12.65 mm (0.50 in), 1491 cpmm (37 871 cpi) Group-Coded Recording (stabilized maintenance of INCITS 256-1996 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 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 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
Approved American National Standards

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

- INCITS 345-2001 [S2021], Magnetic Tape Cartridge for Information Interchange, 0.5 in (12.65 mm) Serial Serpentine, 208-Track, 98 250 BPI (3868 BPMM), DLT 6 Format (stabilized maintenance of INCITS 345-2001 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


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


- INCITS 40-1993 [S2018], Unrecorded Magnetic Tape for Information Interchange (9-Track, 800 CPI, NR21; 1600 CPI, PE; and 6250 CPI, GCR) (stabilized maintenance of INCITS 40-1993 (R2003)) Public Review: Feb 22, 2008 | Final Action: Jun 19, 2008 Approved


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- INCITS 446-2008 [R2023], Information Technology - Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same to the Limit of the Twelve-Mile Statutory Zone (reaffirmation of INCITS 446-2008 [R2018]) Public Review: May 19, 2023 | Final Action: Aug 31, 2023 Approved


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INCITS 48-1986 [S2017], Magnetic Tape Cassette for Information Interchange, 3.81 mm (0.150 in) Tape at 32 bpcm (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


INCITS 525:2018, Information technology - Next Generation ITI (INCITS) (InterNational Committee for Information Technology Standards)

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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


INCITS 56-1986 [S2017], Recorded Magnetic Tape Cartridge for Information Interchange (4-Track, 0.250 Inch, 1600 BPI, Phase Encoded) (stabilized maintenance of INCITS 56-1986 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved


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


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


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INCITS/ISO 19110:2016 [2018])


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Public Review: Sep 15, 2023 | Final Action: Dec 20, 2023 Approved


Public Review: Sep 15, 2023 | Final Action: Dec 20, 2023 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 ftpard, 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


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Public Review: May 19, 2023 | Final Action: Aug 28, 2023
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INCITS/ISO/IEC 11976-2010 [S2023], Information technology - Capacity: 60 Gbytes per cartridge - Second generation read-many ultra density optical (UDO) disk cartridges - Data interchange on 130 mm rewritable and write-once-data cartridges (identical national adoption of ISO/IEC 11976-2009 [R2014])


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INCITS/ISO/IEC 14651:2020 [2022], Information technology -
international string ordering and comparison - Method for
comparing character strings and description of the common
template tailorable ordering (identical national adoption of
ISO/IEC 14651:2020 and revision of INCITS/ISO/IEC
14651:2016 [2017]) PINS: Feb 25, 2022 | Public Review:
Apr 8, 2022 | Final Action: Jul 14, 2022 Approved

INCITS/ISO/IEC 14750:1999 [R2021], Information
Technology - Open Distributed Processing - Interface
Definition Language (reaffirm a national adoption
9, 2021 | Final Action: Aug 30, 2021 Approved

INCITS/ISO/IEC 14753:1999 [R2016], Information
Technology - Open Distributed Processing - Interface
References and Binding (reaffirm a national adoption
12, 2016 | Final Action: Nov 10, 2016 Approved

Function
Technology - Open Distributed Processing - Type Repository
Function (reaffirm a national adoption INCITS/ISO/IEC
Action: Oct 30, 2020 Approved

INCITS/ISO/IEC 14771:1999 [R2021], Information
Technology - Open Distributed Processing - Naming
Framework (reaffirm a national adoption INCITS/ISO/IEC
14771:1999 [R2016]) Public Review: Apr 9, 2021 | Final
Action: Aug 30, 2021 Approved

Information Technology - Computer Graphics And Image
Processing - The Virtual Reality Modeling Language - Part 1:
Functional Specification And UTF-8 Encoding - Amendment
1 (reaffirm a national adoption INCITS/ISO/IEC
26, 2020 | Final Action: Oct 30, 2020 Approved

INCITS/ISO/IEC 14777-112:2002 [R2023], Information
technology - Small Computer System Interface (SCSI) - Part
112: Parallel Interface-2 (SPI-2) (reaffirmation of
INCITS/ISO/IEC 14777-112:2002 [2018]) Public Review:
May 19, 2023 | Final Action: Aug 17, 2023 Approved

INCITS/ISO/IEC 14777-151:2010 [S2016], Information
technology - Small Computer System Interface (SCSI) – Part
151: Serial Attached SCSI - 1.1 (SAS-1.1) (stabilized
maintenance of INCITS/ISO/IEC 14777-151:2010 [2011])
Approved

INCITS/ISO/IEC 14662:2010 [R2019], Information technology -
Open-edi reference model (reaffirm a national adoption
2019 | Final Action: Nov 21, 2019 Approved

INCITS/ISO/IEC 14752:2000 [R2021], Information
Technology - Open Distributed Processing - Protocol Support
for Computational Interactions (reaffirm a national adoption
9, 2021 | Final Action: Aug 30, 2021 Approved

INCITS/ISO/IEC 14753:1999 [R2021], Information
Technology - Open Distributed Processing - Interface
References and Binding (reaffirm a national adoption
9, 2021 | Final Action: Aug 30, 2021 Approved

INCITS/ISO/IEC 14769:2001 [R2021], Information
Technology - Open Distributed Processing - Type Repository
Function (reaffirm a national adoption INCITS/ISO/IEC
Action: Aug 30, 2021 Approved

INCITS/ISO/IEC 14772-1:1997 [R2020], Information
Technology - Computer Graphics And Image Processing -
The Virtual Reality Modeling Language - Part 1: Functional
Specification And UTF-8 Encoding (reaffirm a national adoption
INCITS/ISO/IEC 14772-1:1997 [R2015]) Public Review:
Jun 26, 2020 | Final Action: Oct 20, 2020 Approved

INCITS/ISO/IEC 14772-2:2004 [R2019], Information
technology - Computer graphics and image processing - The
Virtual Reality Modelling Language (VRML) - Part 2: External
Authoring Interface (EAI) (reaffirm a national adoption
Aug 2, 2019 | Final Action: Nov 22, 2019 Approved

INCITS/ISO/IEC 14776-115:2004 [S2016], Information
technology - Small Computer System Interface (SCSI) – Part
115: Parallel Interface-5 (SPI-5) (stabilized maintenance of
Aug 12, 2016 | Final Action: Nov 29, 2016 Approved

INCITS/ISO/IEC 14776-153:2015 [R2023], Information
technology - Small Computer System Interface (SCSI) - Part
153: Serial Attached SCSI - 2.1 (SAS-2.1) (reaffirmation of
May 19, 2023 | Final Action: Aug 17, 2023 Approved

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INCITS/ISO/IEC 17592:2004 [S2020], Information Technology - 120 mm (4.7 Gbytes per side) and 80 mm (1.46 Gbytes per side) DVD rewritable disk (DVD-RAM) (stabilized maintenance of INCITS/ISO/IEC 17592:2004 [R2015]) Public Review: Jun 26, 2020 | Final Action: Oct 30, 2020 Approved


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


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INFORMATION TECHNOLOGY


INCITS/ISO/IEC 29142:1:2013 [2013])
Public Review: Jul 27, 2018 | Final Action: Dec 31, 2018 Approved

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

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

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


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


Public Review: Aug 5, 2022 | Final Action: Nov 11, 2022 Approved

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


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


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Public Review: Jan 30, 2009 | Final Action: Apr 3, 2009 Approved

Public Review: Dec 25, 2009 | Final Action: Feb 18, 2010 Approved

Public Review: Apr 8, 2022 | Final Action: Jul 14, 2022 Approved


Public Review: Jan 30, 2009 | Final Action: Apr 24, 2009 Approved

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


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

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


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


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


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


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


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


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

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LIA (ASC Z136) (Laser Institute of America)

12001 Research Parkway, Suite 210, Orlando, FL 32828 | w: www.laserinstitute.org

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | w: www.mhi.org


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8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | w: www.mhi.org


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

- ANSI MH10.8.13-2016, Material Handling - Label testing procedures for pressure-sensitive adhesive labels to be used for bar codes, other markings, and as carriers for other AIDC media. (new standard) PINS: Feb 1, 2008 | Public Review: May 1, 2015 | Final Action: May 12, 2016 Approved

MSS (Manufacturers Standardization Society)
1800 Diagonal Road, Suite 603, Alexandria, VA 22314 | w: www.mss-hq.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


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

  PINS: Feb 17, 2023 | Public Review: Oct 6, 2023 | Final Action: Nov 27, 2023 **Approved**

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 Raintree Drive, Scottsdale, AZ  85260 | w: www.ncpdp.org


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


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


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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


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


NEMA (National Electrical Manufacturers Association)

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

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


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


NEMA (ASC C119) (National Electrical Manufacturers Association)

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

- ANSI C119.4-2022, Electric Connectors—Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C (revision of ANSI C119.4-2016) PINS: Jun 5, 2020 | Public Review: Jul 8, 2022 | Final Action: Aug 25, 2022 Approved

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

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


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


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


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


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NEMA (ASC C136) (National Electrical Manufacturers Association)

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


- 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


- ANSI C136.6-2004 (S2022), For Roadway and Area Lighting Equipment - Metal Heads and Reflector Assemblies Mechanical and Optical Interchangeability (stabilized maintenance of ANSI C136.6-2004 (R2018)) Public Review: Jun 3, 2022 | Final Action: Jul 21, 2022 Approved

- ANSI C136.6-2004 (S2022), for Roadway and Area Lighting Equipment - Metal Heads and Reflector Assemblies Mechanical and Optical Interchangeability (stabilized maintenance of ANSI C136.6-2004 (R2018)) Public Review: Jun 3, 2022 | Final Action: Jul 21, 2022 Approved


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


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


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

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

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

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

- ANSI C29.19-2020, Composite Insulators Station Post Type (new standard)
  PINS: Feb 7, 2020 | Final Action: Apr 24, 2020 Approved

- ANSI C29.2B-2013 (R2023), Wet Process Porcelain and Toughened Glass Transmission Suspension Type

- ANSI C29.4-2022, Wet Process Porcelain Insulators - Strain Type (revision of ANSI/NEMA C29.4-2015)
  PINS: Dec 24, 2021 | Public Review: Jun 2, 2022 | Final Action: Dec 12, 2022 Approved

- ANSI C29.5-2023, Wet-Process Porcelain Insulators - Low- and Medium-Voltage Types

- ANSI C29.6-2023, Wet Process Porcelain Insulators - High-Voltage Pin-Type (revision of ANSI/NEMA C29.6-2015)
  Public Review: Jun 2, 2022 | Final Action: Jun 2, 2022 Approved

- ANSI C29.7-2015 (R2023), Wet-Process Porcelain Insulators - Spool Type

- ANSI C29.8-2017 (R2023), Wet Process Porcelain Insulators - Apparatus, Cap and Pin Type


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

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

- ANSI C37.51-2018, Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies - Conformance Test Procedures
  (revision, redesignation and consolidation of ANSI C37.51-2003 (R2010), ANSI C37.51a-2010)

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

- ANSI C37.55-2020, Standard for Switchgear Medium Voltage Metal-Clad Assemblies - Conformance Test Procedures
  (revision of ANSI C37.55-2003 (R2020))

- ANSI C37.85-2020, Alternating-Current High-Voltage Power Vacuum Interrupters Safety Requirements for X-Radiation Limits
  (revision of ANSI C37.85-2002 (R2010))

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

- ANSI C50.41-2012 (R2021), Polyphase Induction Motors for Power Generating Stations (reaffirmation of ANSI C50.41-2012)
### ANSI NEMA 61800-2-2023, Adjustable speed electrical power drive systems - Part 2: General requirements - Rating specifications for adjustable speed AC power drive systems


### 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

### ANSI C78.1408-2004 (R2015), Standard for Electric Lamps  G17q and GX17q Based Four-pin, Prefocus, for Base-down Operation (stabilized maintenance of ANSI C78.1408-2004 (R2011)) Public Review: Oct 20, 2017 | Final Action: Feb 15, 2018 Approved

### ANSI C78.1199-2016 (R2022), For Electric Lamps—Single-Capped Fluorescent Lamps—Safety Specifications (reaffirmation of ANSI C78.1199-2016) Public Review: Jul 9, 2021 | Final Action: Apr 6, 2022 Approved

### ANSI C78.1402-2004 (S2018), Standard For Electric Lamps – Dimensions for Projection Lamps – Double-Contact, Medium Ring (Special B), Base-up Type (stabilized maintenance of ANSI C78.1402-2004 (R2011)) Public Review: Oct 20, 2017 | Final Action: Feb 15, 2018 Approved


### ANSI C78.1430-1997 (S2022), For Electric Lamps—Slide Projector Lamps, Condensing, Dichroic, 1.65-in. (42 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1430-1997 (R2016)) Public Review: Jul 9, 2021 | Final Action: Jul 18, 2022 Approved

### ANSI C78.1432-1997 (S2018), Standard for electric lamps—Tungsten-Halogen Lamps with G29.5 Two-Pin, Prefocus Bases and 36.5mm Nominal Light Center Length (stabilized maintenance of ANSI C78.1432-1997 (R2011)) Public Review: Feb 9, 2018 | Final Action: Jun 8, 2018 Approved

### ANSI C78.1431-1997 (S2022), For Electric Lamps—Slide Projector Lamps, Condensing, Dichroic, Two-inch (51 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GY 5.3 Bases (stabilized maintenance of ANSI C78.1431-1997 (R2016)) Public Review: Jul 9, 2021 | Final Action: Jul 18, 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

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NEMA (ASC C78) (National Electrical Manufacturers Association)

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

- ANSI C78.1433-2001 (S2018), Standard Electric Lamps Two-inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Large Screen Projection Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1433-2001 (R2011)) Public Review: Feb 9, 2018 | Final Action: Jun 8, 2018 Approved
- ANSI C78.1460-2004 (S2020), For Electric Lamps Single-Ended Tungsten-Halogen Lamps G29.5 Base, T6 Bulb, 36.5mm LCL, 76.2mm MOL with Proximity Reflector (stabilized maintenance of ANSI C78.1460-2004 (R2015)) Public Review: May 29, 2020 | Final Action: Sep 28, 2020 Approved

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ANSI C78.40-2016 (R2022), For Electric Lamps: Specifications for Mercury Lamps (reaffirmation of ANSI C78.40-2016) 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 C78.5-2017 (R2022), Standard For Electric Lamps - Specifications for Performance of Self-ballasted Compact Fluorescent Lamps (reaffirmation of ANSI C78.5-2017) Public Review: Apr 22, 2022 | Final Action: Jun 16, 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


ANSI C78.391-2004 (S2022), For Electric Lamps—Characteristics of Subminiature Lamps of T1 and T1-3/4 Shapes (stabilized maintenance of ANSI C78.391-2004 (R2016)) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved

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


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

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


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


- 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

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


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


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


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

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


- ANSI NEMA HP 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), ZDH (rated 90 °C; 600 V), ZH (rated 125 °C; 600 V), and ZHX (rated 125 °C; 1000 V) (reaffirmation of ANSI/NEMA HP 8-2013) PINS: May 18, 2018 | Public Review: May 5, 2021 | Final Action: Apr 22, 2021 Approved


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NEMA (ASC C8) (National Electrical Manufacturers Association)
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NEMA (ASC C80) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: www.nema.org


- ANSI C80.6-2018, Electrical Intermediate Metal Conduit (new standard) PINS: Jun 12, 2009 | Public Review: Mar 16, 2018 | Final Action: Jul 6, 2018 Approved

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


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


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


- ANSI C82.4-2017 (R2022), Standard For Lamp Ballasts – Ballasts For High-Intensity-Discharge and Low-Pressure Sodium Lamps (Multiple-Supply Type) (reaffirmation of ANSI C82.4-2017) Public Review: Apr 22, 2022 | Final Action: Jun 16, 2022 Approved


- ANSI C82.16-2023, Light Emitting Diode Drivers - Methods of Measurement (revision of ANSI C82.16-2022) PINS: Nov 4, 2022 | Public Review: Feb 3, 2023 | Final Action: Apr 17, 2023 Approved

- ANSI C82.18-2023, Light Emitting Diode Drivers - Performance Characteristics (revision of ANSI C82.18-2022) PINS: Nov 4, 2022 | Public Review: Feb 3, 2023 | Final Action: Apr 17, 2023 Approved

- ANSI C82.3-2016 (R2022), Standard for Electric Lamps—Reference Ballasts for Fluorescent Lamps (reaffirmation of ANSI C82.3-2016) Public Review: May 28, 2021 | Final Action: Apr 12, 2022 Approved

- ANSI C82.5-2016 (R2022), Standard for Lamp Ballasts—High-Intensity Discharge and Low-Pressure Sodium Lamps (reaffirmation of ANSI C82.5-2016) Public Review: May 28, 2021 | Final Action: Apr 12, 2022 Approved


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NEMA (ASC C82) (National Electrical Manufacturers Association)

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

- ANSI C82.77-3-2020, Standard for Lighting EquipmentElectromagnetic compatibility (EMC) Testing and measurement techniques Radiated, radio-frequency electromagnetic field immunity test (national adoption with modifications of IEC 61000-4-3, ed.3.2 (2010-04)) PINS: Dec 7, 2018 | Public Review: Jul 12, 2019 | Final Action: Jan 10, 2020 Approved


NEMA (ASC C84) (National Electrical Manufacturers Association)

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


NEMA (ASC GR) (National Electrical Manufacturers Association)

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

- NEMA GR 1-2022, Ground Rod Electrodes and Ground Rod Electrode Couplings (new standard) PINS: Jul 8, 2022 | Final Action: Aug 24, 2022 Approved

NEMA (ASC W1) (National Electrical Manufacturers Association)

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


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


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


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


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


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


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


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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


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


NRMCA (National Ready Mixed Concrete Association)
66 Canal Center Plaza, Suite 250, Alexandria, VA  22314 | w: https://www.nrmca.org/


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


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

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


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ANSI/NSF 14-2020 (i110r1), Plastics Piping System

ANSI/NSF 14-2021 (i112r1), Plastics Piping System

ANSI/NSF 14-2021 (i114r1), Plastics Piping System

ANSI/NSF 14-2021 (i116r1), Plastics Piping System

ANSI/NSF 14-2021 (i118r1), Plastics Piping System

ANSI/NSF 14-2021 (i121r1), NSF 14 - Plastics Piping System

ANSI/NSF 14-2022 (i119r3), Plastics Piping System

ANSI/NSF 14-2022 (i124r1), Plastics Piping System

ANSI/NSF 14-2022 (i126r1), Plastics Piping System

ANSI/NSF 14-2023 (i128r1), Plastics Piping System

ANSI/NSF 14-2023 (i130r1), Plastics Piping System

ANSI/NSF 14-2023 (i132r1), Plastics Piping System

ANSI/NSF 14-2021 (i111r1), Plastics Piping System

ANSI/NSF 14-2021 (i113r1), Plastics Piping System

ANSI/NSF 14-2021 (i115r1), Plastics Piping System

ANSI/NSF 14-2021 (i117r1), Plastics Piping System

ANSI/NSF 14-2021 (i120r1), Plastics Piping System

ANSI/NSF 14-2021 (i122r1), Plastics Piping System

ANSI/NSF 14-2022 (i123r2), Plastics Piping System

ANSI/NSF 14-2022 (i125r1), Plastics Piping System

ANSI/NSF 14-2023 (i127r1), Plastics Piping System

ANSI/NSF 14-2023 (i129r1), Plastics Piping System

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ANSI/NSF 14-2023 (i133r1), Plastics Piping System


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ANSI/NSF 244-2018 (i2r1), NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018) Public Review: Jul 13, 2018 | Final Action: Aug 13, 2018 Approved

ANSI/NSF 244-2019 (i5r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018) Public Review: Aug 2, 2019 | Final Action: Sep 5, 2019 Approved


ANSI/NSF 244-2018 (i15r15), Supplemental Microbiological Water Treatment Systems - Filtration (new standard) PINS: Aug 1, 2003 | Public Review: Mar 9, 2018 | Final Action: Apr 23, 2018 Approved

ANSI/NSF 244-2019 (i4r11), NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018A) Public Review: Jun 21, 2019 | Final Action: Jul 22, 2019 Approved


ANSI/NSF 244-2021 (i12r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019) Public Review: Jan 1, 2021 | Final Action: May 20, 2021 Approved


ANSI/NSF 244-2022 (i21r1), Supplemental Microbiological Water Treatment Systems -Filtration (revision of ANSI/NSF 244-2021) Public Review: Oct 14, 2022 | Final Action: Nov 15, 2022 Approved

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

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


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


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

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

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


> ANSI/NSF 332-2022 (i10r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332-2015 (i8r1)) Public Review: Jul 29, 2022 | Final Action: Aug 28, 2022 Approved


ANSI/NSF 350-2020 (i47r1), NSF 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 360-2024 (i5r1), Wastewater Treatment Systems – Field Performance Verification (revision of ANSI/NSF 360-2019) Public Review: Dec 1, 2023 | Final Action: Jan 12, 2024 Approved


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

- ANSI/NSF 4-2016 (i18r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)
  Public Review: Mar 4, 2016  |  Final Action: Apr 22, 2016  Approved

- ANSI/NSF 4-2016 (i24r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)

- ANSI/NSF 4-2019 (i29r1), NSF 4 - Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2016)
  Public Review: Apr 26, 2019  |  Final Action: Sep 5, 2019  Approved

- ANSI/NSF 4-2020 (i30r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)
  Public Review: Sep 18, 2020  |  Final Action: Nov 6, 2020  Approved

- ANSI/NSF 4-2021 (i31r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)
  Public Review: Jan 22, 2021  |  Final Action: Mar 8, 2021  Approved

- ANSI/NSF 4-2022 (i33r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
  Public Review: Jun 18, 2021  |  Final Action: Dec 22, 2022  Approved

- ANSI/NSF 4-2023 (i35r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
  Public Review: Feb 17, 2023  |  Final Action: Apr 3, 2023  Approved

  Public Review: Dec 22, 2017  |  Final Action: Jan 26, 2018  Approved

- ANSI/NSF 40-2019 (i33r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
  Public Review: Mar 15, 2019  |  Final Action: Apr 19, 2019  Approved

  Public Review: Mar 27, 2020  |  Final Action: Dec 17, 2020  Approved

- ANSI/NSF 4-2016 (i23r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)
  Public Review: Nov 27, 2015  |  Final Action: Apr 14, 2016  Approved

- ANSI/NSF 4-2019 (i27r1), NSF 4 - Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2016)
  Public Review: Jun 22, 2018  |  Final Action: Aug 21, 2019  Approved


- ANSI/NSF 4-2021 (i21r8), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)
  Public Review: Apr 16, 2021  |  Final Action: May 20, 2021  Approved

- ANSI/NSF 4-2022 (i34r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
  Public Review: Aug 19, 2022  |  Final Action: Dec 2, 2022  Approved

- ANSI/NSF 40-2018 (i29r1), NSF/ANSI 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2009 (i.19))

  Public Review: Apr 19, 2019  |  Final Action: May 29, 2019  Approved

- ANSI/NSF 40-2019 (i34r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
  Public Review: Apr 19, 2019  |  Final Action: Jun 4, 2019  Approved

ANSI/NSF 40-2020 (i38r1), Residential Wastewater Treatment Systems  

ANSI/NSF 40-2021 (i36r1), NSF 40 Residential Wastewater Treatment Systems  

ANSI/NSF 40-2022 (i43r1), Residential Wastewater Treatment Systems  

ANSI/NSF 40-2022 (i47r2), Residential Wastewater Treatment Systems  

ANSI/NSF 40-2022 (i50r1), Residential Wastewater Treatment Systems  

ANSI/NSF 40-2023 (i51r2), Residential Wastewater Treatment Systems  

ANSI/NSF 40-2023 (i54r1), Residential Wastewater Treatment Systems  

ANSI/NSF 40-2023 (i58r1), Residential Wastewater Treatment Systems  

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

ANSI/NSF 401-2016 (i7r1), Drinking water treatment units - Emerging compounds/incidental contaminants  

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

ANSI/NSF 401-2020 (i41r1), Residential Wastewater Treatment Systems  

ANSI/NSF 401-2022 (i42r2), Residential Wastewater Treatment Systems  

ANSI/NSF 401-2022 (i44r2), Residential Wastewater Treatment Systems  

ANSI/NSF 401-2022 (i48r1), Residential Wastewater Treatment Systems  

ANSI/NSF 401-2022 (i52r2), Residential Wastewater Treatment Systems  

ANSI/NSF 401-2022 (i53r1), Residential Wastewater Treatment Systems  

ANSI/NSF 401-2023 (i55r1), Residential Wastewater Treatment Systems  

ANSI/NSF 401-2016, Drinking water treatment units - Emerging compounds/incidental contaminants  

ANSI/NSF 401-2016 (i6r1), NSF 401-2016 - Drinking water treatment units - Emerging compounds/incidental contaminants  

ANSI/NSF 401-2017 (i5r1), Drinking water treatment units - Emerging compounds/incidental contaminants  

ANSI/NSF 401-2017 (i9), NSF/ANSI 401 Drinking water treatment units - Emerging compounds/incidental contaminants  


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

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

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


ANSI/NSF 401-2023 (i32r2), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2021) Public Review: Dec 2, 2022 | Final Action: Feb 24, 2023 Approved

ANSI/NSF 401-2023 (i31r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2021) Public Review: Dec 16, 2022 | Final Action: Jan 30, 2023 Approved

ANSI/NSF 401-2024 (i36r1), Drinking Water Treatment Units - Emerging Compounds/Incidental Contaminants (revision of ANSI/NSF 401-2022) Public Review: Nov 10, 2023 | Final Action: Dec 12, 2023 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

Approved American National Standards

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


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

ANSI/NSF 455-2-2022 (i37r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Approved

Approved

ANSI/NSF 455-2-2022 (i41r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Public Review: Sep 30, 2022 | Final Action: Nov 15, 2022
Approved

ANSI/NSF 455-2-2022 (i43r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Public Review: Sep 30, 2022 | Final Action: Nov 9, 2022
Approved

ANSI/NSF 455-2-2022 (i46r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Public Review: Sep 23, 2022 | Final Action: Nov 8, 2022
Approved

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Public Review: Oct 28, 2022 | Final Action: Dec 6, 2022
Approved

Public Review: Feb 3, 2023 | Final Action: Mar 8, 2023
Approved

ANSI/NSF 455-3-2018 (i11r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Oct 1, 2018
Approved

ANSI/NSF 455-3-2018 (i13r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Oct 9, 2018
Approved

ANSI/NSF 455-3-2018 (i1r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (new standard)
PINS: Sep 5, 2014 | Public Review: Jun 15, 2018 | Final Action: Jul 30, 2018
Approved

ANSI/NSF 455-3-2018 (i3r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Sep 30, 2018
Approved

ANSI/NSF 455-3-2022 (i38r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Public Review: Sep 9, 2022 | Final Action: Oct 17, 2022
Approved

ANSI/NSF 455-2-2022 (i40r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Public Review: Sep 16, 2022 | Final Action: Oct 19, 2022
Approved

ANSI/NSF 455-2-2022 (i42r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Approved

ANSI/NSF 455-2-2022 (i45r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Approved

ANSI/NSF 455-2-2022 (i47r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Approved

ANSI/NSF 455-2-2022 (i49r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Public Review: Oct 14, 2022 | Final Action: Nov 17, 2022
Approved

ANSI/NSF 455-2-2022 (i51r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
Approved

ANSI/NSF 455-3-2018 (i10r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Oct 1, 2018
Approved

ANSI/NSF 455-3-2018 (i12r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Oct 1, 2018
Approved

ANSI/NSF 455-3-2018 (i14r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Oct 2, 2018
Approved

ANSI/NSF 455-3-2018 (i2r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Sep 30, 2018
Approved

ANSI/NSF 455-3-2018 (i4r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)
Public Review: Aug 31, 2018 | Final Action: Sep 30, 2018
Approved
ANSI/NSF 455-3-2022 (i34r1), Good Manufacturing Practices

ANSI/NSF 455-3-2021 (i35r1), Good Manufacturing Practices

ANSI/NSF 455-3-2021 (i29r1), Good Manufacturing Practices

ANSI/NSF 455-3-2021 (i27r1), Good Manufacturing Practices

ANSI/NSF 455-3-2021 (i25r1), Good Manufacturing Practices

ANSI/NSF 455-3-2021 (i23r2), Good Manufacturing Practices

ANSI/NSF 455-3-2021 (i22r1), Good Manufacturing Practices


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

ANSI/NSF 456-2021 (i1r1), Vaccine Storage (new standard) PINS: Dec 12, 2014 | Public Review: Jan 1, 2021 | Final Action: Mar 8, 2021 Approved


ANSI/NSF 455-4-2022 (i32r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2021) Public Review: May 13, 2022 | Final Action: Jun 17, 2022 Approved

ANSI/NSF 455-4-2022 (i38r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2022 (i32r1)) Public Review: May 13, 2022 | Final Action: Jul 20, 2022 Approved

ANSI/NSF 455-4-2023 (i42r2), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2021) Public Review: Feb 3, 2023 | Final Action: Mar 8, 2023 Approved


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NSF (NSF International)

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ANSI/NSF 6-2018 (i10r3), NSF 6 - Dispensing Freezers
Public Review: Oct 5, 2018 | Final Action: Nov 19, 2018 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 (i73r1), 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 (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


ANSI/NSF/CAN 600-2018 (i158r1), 61 - Drinking Water System Components – Health Effects Approved

ANSI/NSF/CAN 600-2019 (i157r1), NSF/CAN 60 - Drinking Water System Components – Health Effects Approved


NW&RA (ASC Z245) (National Waste & Recycling Association)
1550 Crystal Drive, Suite #804, Arlington, VA 22202 | w: www.wasterecycling.org


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


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


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


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


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

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


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


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


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


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

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

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.psai.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


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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

  Airtightness of Building, Dwelling Unit, and Sleeping Unit
  Enclosures; Airtightness of Heating and Cooling Air
  Distribution Systems; and Airflow of Mechanical Ventilation
  Systems (revision and redesignation of ANSI/RESNET/ICC
  10, 2022 Approved

- ANSI/RESNET/ICC 850-2020, Standard for the
  Calculation and Labeling of the Water Use Performance of
  One- and Two-Family Dwellings Using the Water Rating
  Index (new standard) PINS: Apr 24, 2015 | Public Review:
  Jul 26, 2019 | Final Action: Mar 23, 2020 Approved

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

- ANSI/RIC 001.2-2021, Specifications for the Process of
  Remanufacturing (revision of ANSI/RIC 001.1-2016) PINS:
  Oct 9, 2020 | Public Review: Jul 23, 2021 | Final Action:
  Oct 22, 2021 Approved

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

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

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

- ANSI A119.5-2020, Park Model Recreational Vehicle Standard
  (revision of ANSI A119.5-2015) PINS: Nov 2, 2018 | Public
  Review: Oct 4, 2019 | Final Action: Jan 9, 2020 Approved

- RVIA EXT Lad-1-2019, Recommended Practice Laboratory Test
  Procedures for Exterior Ladders on Recreational Vehicles
  (new standard) PINS: Jun 30, 2017 | Public Review: Jun 14,
  2019 | Final Action: Jul 19, 2019 Approved

- RVIA RVEC-1-2021, Recommended Practice Testing
  Requirements of Exterior Components for Recreational
  Vehicles (new standard) PINS: Jun 5, 2020 | Public Review:
  May 28, 2021 | Final Action: Aug 9, 2021 Approved

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

- ANSI/RESNET/ICC 380-2023 Addendum A-2023, Reference
  Standards (addenda to ANSI/RESNET/ICC 380-2022)
  Public Review: Mar 10, 2023 | Final Action: May 8, 2023
  Approved

- RVIA EGS-1-2022, Engine Generator Sets for Recreational
  Vehicle Safety Requirements (revision of ANSI/RVIA EGS-1
  Final Action: May 3, 2022 Approved

- RVIA LV-2020, Standard for Low Voltage Systems in
  Conversion and Recreational Vehicles (revision of
  ANSI/RVIA LV-2017) PINS: Nov 2, 2018 | Public Review:
  Oct 4, 2019 | Final Action: Jan 9, 2020 Approved

- 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

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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)

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: 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)


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SCTE (Society of Cable Telecommunications Engineers)

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


ANSI/SCTE 137-4-2017 (R2021), Modular Head End Architecture Part 4: Edge Resource Manager Interface (reaffirmation of ANSI/SCTE 137-4-2017)  

ANSI/SCTE 137-6-2017 (R2021), Modular Head End Architecture Part 6: Edge QAM Video Stream Interface (reaffirmation of ANSI/SCTE 137-6-2017)  

ANSI/SCTE 138-2019, Stream Conditioning For Switching Of Addressable Content In Digital Television Receivers (revision of ANSI/SCTE 138-2013)  

ANSI/SCTE 140-2019, Cable Modem IPv4 and IPv6 eRouter Specification (revision of ANSI/SCTE 140-2013)  


ANSI/SCTE 147-2022, Specification for Mainline Plug (Male) to Cable Interface (revision of ANSI/SCTE 147-2010)  
PINS: Mar 2, 2018 | Public Review: Dec 23, 2022 | Final Action: Sep 14, 2023 Approved

ANSI/SCTE 149-2019, Test Method for Withstand Tightening Torque - F Female (revision of ANSI/SCTE 149-2013)  

ANSI/SCTE 151-2021, Mechanical, Electrical, and Environmental Requirements for RF Traps and Filters (revision of ANSI/SCTE 151-2015)  


ANSI/SCTE 14-2016 (R2022), Test Method for Hex Crimp Tool Verification/Calibration (reaffirmation of ANSI/SCTE 14-2016)  


ANSI/SCTE 144-2017, Test Procedure for Measuring Transmission and Reflection (revision of ANSI/SCTE 144-2012)  

ANSI/SCTE 146-2021, Outdoor F Female to F Female Inline Splice (revision of ANSI/SCTE 146-2017)  


ANSI/SCTE 152-2019, Test Procedure for Contact Resistance Measurement of Mainline Plug Interface (revision of ANSI/SCTE 152-2014)  
PINS: Sep 7, 2018 | Public Review: Apr 26, 2019 | Final Action: Jul 9, 2019 Approved


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SCTE (Society of Cable Telecommunications Engineers)
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SCTE (Society of Cable Telecommunications Engineers)
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Public Review: Aug 26, 2022 | Final Action: Nov 14, 2022 Approved

Public Review: Aug 26, 2022 | Final Action: Nov 14, 2022 Approved


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


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


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


- 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
- ANSI A250.4-2022, Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames (revision of ANSI A250.4-2018) PINS: Jul 8, 2022 | Public Review: Sep 16, 2022 | Final Action: Oct 17, 2022 Approved
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

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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, R0; reflectivity, R; TAPPI opacity, C0.89; scattering, s; and absorption, k (new standard) PINS: Dec 10, 2021 | Public Review: Aug 26, 2022 | Final Action: Oct 28, 2022 Approved


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


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ANSI/TAPPI T 547 om-2012 (R2023), Air permeance of paper and paperboard (Sheffield method) (reaffirmation of ANSI/TAPPI T 547 om-2012 (R2018)) PINS: Mar 18, 2022 | Public Review: Apr 7, 2023 | Final Action: Jun 12, 2023 Approved


<table>
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<tr>
<th>Standard</th>
<th>Description</th>
<th>Approval Details</th>
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<tr>
<td>ANSI/TAPPI T 568 om-2012 (R2023), Physical area of sub-visible contraries in pulp, paper and paperboard by image analysis</td>
<td>(reaffirmation of ANSI/TAPPI T 568 om-2012 (R2018)) PINS: Jun 3, 2022</td>
<td>Public Review: Apr 7, 2023</td>
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</tbody>
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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)
5863 Harris Grove Lane, Charlotte, NC  28212 | 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 A108.16-2020, Installation of PaperFaced, Back Mounted, Edge Mounted, or Clear Film Face Mounted Glass Mosaic Tile (revision of ANSI A108.16-2005 (R2016))


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


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


ANSI/TIA 568.1-E-1-2023, Commercial Building


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TIA (Telecommunications Industry Association)

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


TMA (The Monitoring Association)

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


TNI (The NELAC Institute)

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


TPI (Truss Plate Institute)

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

TV (ASC Z80) (The Vision Council)

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


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


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

- ANSI Z80.21-2020, Instruments – General-Purpose Clinical Visual Acuity Charts (revision of ANSI Z80.21-2010 (R2015))

- ANSI Z80.27-2014 (R2019), Implantable Glaucoma Devices (reaffirmation of ANSI Z80.27-2014)


- ANSI Z80.30-2018 (R2023), Ophthalmics - Toric Intraocular Lenses (reaffirmation of ANSI Z80.30-2018)
  Public Review: Oct 20, 2023 | Final Action: Dec 14, 2023 Approved

- ANSI Z80.35-2018 (R2023), Ophthalmics - Extended Depth of Focus Intraocular Lenses (reaffirmation of ANSI Z80.35-2018)
  Public Review: Jul 7, 2023 | Final Action: Sep 25, 2023 Approved

  Public Review: Aug 20, 2021 | Final Action: Nov 9, 2021 Approved

- ANSI Z80.7-2013 (R2023), Ophthalmic Optics - Intraocular Lenses (reaffirmation of ANSI Z80.7-2013)
  Public Review: Oct 20, 2023 | Final Action: Dec 14, 2023 Approved

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

- ANSI Z80.12-2007 (R2022), Multifocal Intraocular Lenses (reaffirmation of ANSI Z80.12-2007)

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

- 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


- ANSI Z80.27-2014, Implantable Glaucoma Devices (reaffirmation of ANSI Z80.27-2014)


- ANSI Z80.30-2018 (R2023), Ophthalmics - Toric Intraocular Lenses (reaffirmation of ANSI Z80.30-2018)
  Public Review: Oct 20, 2023 | Final Action: Dec 14, 2023 Approved

- ANSI Z80.35-2018 (R2023), Ophthalmics - Extended Depth of Focus Intraocular Lenses (reaffirmation of ANSI Z80.35-2018)
  Public Review: Jul 7, 2023 | Final Action: Sep 25, 2023 Approved

  Public Review: Aug 20, 2021 | Final Action: Nov 9, 2021 Approved

- ANSI Z80.7-2013 (R2023), Ophthalmic Optics - Intraocular Lenses (reaffirmation of ANSI Z80.7-2013)
  Public Review: Oct 20, 2023 | Final Action: Dec 14, 2023 Approved

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

- ANSI Z80.12-2007 (R2022), Multifocal Intraocular Lenses (reaffirmation of ANSI Z80.12-2007)

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

- 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


- ANSI Z80.27-2014, Implantable Glaucoma Devices (reaffirmation of ANSI Z80.27-2014)

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

- ANSI/ISO 12870-2016, Spectacle Frames-Requirements and Test Methods (*identical national adoption of ISO 12870*)
- ANSI/ISO 8624-2016, Spectacle Frames-Measuring System and terminology (*identical national adoption of ISO 8624*)

**UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)**
30200 Detroit Road, Cleveland, OH 44145-1967 | w: www.uama.org

- ANSI B7.1-2017, Safety Requirements for the Use, Care and Protection of Abrasive Wheels (*revision of ANSI B7.1-2010*)
- ANSI B7.4.10-2015, Specification for Grading of Abrasive Grain (*revision of ANSI B7.4.10-2010*)
  - PINS: Sep 13, 2019 | Public Review: Jan 6, 2020 Approved
- ANSI B7.4.18-2018, Grading of Certain Abrasive Grain on Coated Abrasive Material (*revision of ANSI B7.4.18-2016*)
- ANSI B7.4.20-2004 (R2016), Specification for Diamond and CBN Powders in Sub-Sieve Sizes (*reaffirmation of ANSI B7.4.20-2004 (R2010)*)
- ANSI B7.4.24-2016, Specification for Abrasive Materials for Blasting (*new standard*)
- ANSI B7.7-2003 (R2019), Safety Requirements for Abrading Materials with Coated Abrasive Systems (*reaffirmation of ANSI B7.7-2003 (R2011)*)
  - PINS: Sep 13, 2019 | Public Review: Jan 6, 2020 Approved
UL 1004-5-2020, Standard for Safety for Fire Pump Motors


UL 1004-6-2012 (R2022), Standard for Safety for Servo and Stepper Motors (reaffirmation of ANSI/UL 1004-6-2012 (R2017)) Public Review: Jan 21, 2022 | Final Action: Mar 17, 2022 Approved


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


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


Approved American National Standards

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


UL 122001-2009 (R2023), Standard for Safety for General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2 Hazardous (Classified) Locations (reaffirmation of ANSI/UL 122001-2009 (R2019)) Public Review: Jun 2, 2023 | Final Action: Aug 1, 2023 Approved


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


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


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

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

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


UL 2017-2018 (R2024), General-Purpose Signaling Devices and Systems (reaffirmation and redesignation of ANSI/UL 2017-2018) Public Review: Dec 1, 2023 | Final Action: Jan 17, 2024 Approved


UL 2034-2023, Standard for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2022)
Public Review: Jun 16, 2023 | Final Action: Aug 23, 2023 Approved


UL 2127-2017, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2016) Public Review: Sep 9, 2016 | Final Action: May 9, 2017 Approved


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


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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The data in this document is reported as of Monday, January 22, 2024


UL 2442-2023a, Standard for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2023) Public Review: May 12, 2023 | Final Action: Jul 20, 2023 Approved


UL 244B-2022a, Standard for Field Installed and/or Field Connected Appliance Controls (revision of ANSI/UL 244B-2022) Public Review: Jun 30, 2023 | Final Action: Sep 7, 2023 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


UL 2460-2021, Standard for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2460-2021) Public Review: Dec 18, 2020 | Final Action: Apr 30, 2021 Approved


UL 25-2022, Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 25-2023) Public Review: Jul 28, 2023 | Final Action: Dec 12, 2023 Approved


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


UL 401-2023, Standard for Portable Spray Hose Nozzles for Fire-Protection Service (revision of ANSI/UL 401-2022) Public Review: Jun 9, 2023 | Final Action: Sep 14, 2023 Approved


UL 4248-11-2007 (R2023), Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse (reaffirmation of ANSI/UL 4248-11-2007 (R2018)) Public Review: Apr 21, 2023 | Final Action: Jun 8, 2023 Approved


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 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: Aug 18, 2017 | Final Action: Feb 23, 2018  
Approved

Public Review: Jun 18, 2021 | Final Action: Sep 14, 2021  
Approved

UL 437-2013 (R2023), Standard for Key Locks (reaffirmation of ANSI/UL 437-2013 (R2017))  
Public Review: Sep 30, 2022 | Final Action: Jan 31, 2023  
Approved

Public Review: Feb 3, 2017 | Final Action: Jan 9, 2018  
Approved

Public Review: Aug 25, 2017 | Final Action: Jan 9, 2018  
Approved

UL 44-2014)  
Public Review: May 13, 2022 | Final Action: Jul 29, 2022  
Approved

UL 444-2008 (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 444-2021, Standard for Safety for Communications Cables (revision of ANSI/UL 444-2018)  
Public Review: Mar 19, 2021 | Final Action: Jun 16, 2021  
Approved

UL 448-2022, Standard for Centrifugal Stationary Pumps for Fire-Protection Service (August 26, 2022) (revision of ANSI/UL 448-2020)  
Public Review: Aug 26, 2022 | Final Action: Dec 7, 2022  
Approved

UL 448B-2023, Standard for Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/UL 448B-2013 (R2017))  
Public Review: Oct 21, 2022 | Final Action: Jan 4, 2023  
Approved

UL 448C-2023a, Standard for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (revision of ANSI/UL 448C-2023)  
Public Review: Nov 17, 2023 | Final Action: Dec 19, 2023  
Approved

UL 452-2021, Standard for Antenna – Discharge Units (reaffirmation and redesignation of ANSI/UL 452-2015)  
Public Review: Apr 9, 2021 | Final Action: Aug 6, 2021  
Approved

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


Approved American National Standards

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

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

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


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


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UL 60335-2-72-2017, Standard for Safety for Household and
Similar Electrical Appliances - Safety - Part 2-72: Particular
Requirements for Floor Treatment Machines With or
Without Traction Drive, for Commercial Use (national
adoption with modifications of IEC 60335-2-72) PINS: Mar
15, 2017 Approved

UL 60335-2-72-2019, Standard for Safety for Household and
Similar Electrical Appliances - Safety - Part 2-72: Particular
Requirements for Floor Treatment Machines With or
Without Traction Drive, for Commercial Use (revision of
Action: Nov 8, 2019 Approved

UL 60335-2-8-2018, Standard for Safety for Household and
Similar Electrical Appliances, Part 2: Particular
Requirements for Shavers, Hair Clippers, and Similar
Appliances (proposal dated 4-6-18) (national adoption of
IEC 60335-2-8 with modifications and revision of ANSI/UL
60335-2-8-2012) Public Review: Apr 6, 2018 | Final Action:
Jun 14, 2018 Approved

UL 60335-2-8-2021, Standard for Safety for Household &
Similar Electrical Appliances, Part 2: Particular
Requirements for Shavers, Hair Clippers & Similar
Appliances (revision of ANSI/UL 60335-2-8-2018) Public
Review: Apr 23, 2021 | Final Action: Jun 29, 2021 Approved

UL 60335-2-89-2021, Standard for Household and Similar
Electrical Appliances - Safety - Part 2-89: Particular
Requirements for Commercial Refrigerating Appliances with
an Incorporated or Remote Refrigerant Unit or Compressor
(national adoption of IEC 60335-2-89 with modifications and revision of ANSI/UL

UL 60384-14-2017 (R2023), Safety Requirements for Fixed
Capacitors for Use in Electronic Equipment - Part 14:
Sectional Specification: Fixed Capacitors for
Electromagnetic Interference Suppression and Connection to the Supply Mains (reaffirmation of ANSI/UL 60384-14
-2017) Public Review: Apr 28, 2023 | Final Action: Jun 26,
2023 Approved

UL 60691-2019, Standard for Thermal-Links - Requirements
and Application Guide (identical national adoption of IEC
60691 and revision of ANSI/UL 60691-2016) Public
Review: Jun 28, 2019 | Final Action: Oct 18, 2019 Approved

UL 60335-2-72-2017a, Standard for Safety for Household
and Similar Electrical Appliances - Safety - Part 2-72:
Particular Requirements for Floor Treatment Machines With
or Without Traction Drive, for Commercial Use (national
adoption with modifications of IEC 60335-2-72) PINS: Mar
15, 2017 Approved

UL 60335-2-72-2021, Standard for Safety for Household and
Similar Electrical Appliances-Safety-Part 2-72: Particular
Requirements for Floor Treatment Machines With or
Without Traction Drive, for Commercial Use. (revision of

UL 60335-2-8-2018a, Standard for Safety for Household and
Similar Electrical Appliances, Part 2: Particular
Requirements for Shavers, Hair Clippers, and Similar
Appliances (national adoption of IEC 60335-2-8 with
modifications and revision of ANSI/UL 60335-2-8-2018)

UL 60335-2-89-2017a, Standard for Safety for Household and
Similar Electrical Appliances, Part 2: Particular
Requirements for Commercial Refrigerating Appliances with
an Incorporated or Remote Refrigerant Unit or Compressor
(national adoption with modifications of IEC 60335-2-89)
Action: Sep 29, 2017 Approved

UL 60384-14-2016a, Standard for Safety for Fixed Capacitors
for Use in Electronic Equipment - Part 14: Sectional
Specification: Fixed Capacitors for Electromagnetic
Interference Suppression and Connection to the Supply
Mains (national adoption of IEC 60384-14 with
modifications and revision of ANSI/UL 60384-14-2014)

UL 60691-2016, Standard for Safety for Thermal-Links -
Requirements and Application Guide (revision of ANSI/UL
60691-2011) Public Review: Mar 4, 2016 | Final Action:
Jun 30, 2016 Approved

UL 60730-1-2021, Standard for Automatic Electrical Controls
- Part 1: General Requirements (identical national adoption of
IEC 60730-1 and revision of ANSI/UL 60730-1-2016)


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 (reaffirm a national adoption ANSI/UL 60939-3-2017) Public Review: May 13, 2022 | Final Action: Jul 5, 2022 Approved


UL 60947-7-4-2018 (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 60947-7-4-2018) Public Review: May 20, 2022 | Final Action: Jul 18, 2022 Approved


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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 61215-1-1-2021, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules \(\text{(identical national adoption of IEC 61215-1-1 and revision of ANSI/UL 61215-1-1-2017)}\) Public Review: May 21, 2021 | Final Action: Jul 7, 2021 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 \(\text{(identical national adoption of IEC 61215-1-3 and revision of ANSI/UL 61215-1-3-2018)}\) 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 \(\text{(identical national adoption of IEC 61215-1-4 and revision of ANSI/UL 61215-1-4-2018)}\) Public Review: May 21, 2021 | Final Action: Jul 7, 2021 Approved


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


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


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

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

UL 62841-4-7-2023, Standard for Electric Motor Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-7: Particular Requirements for Pedestrian Controlled Walk-Behind Lawn Scarifiers and Aerators (identical national adoption of IEC 62841-4-7) PINS: Jul 15, 2022 | Public Review: Aug 18, 2023 | Final Action: Dec 21, 2023 Approved


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


UL 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


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


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


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UL 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 8139-2018a, Standard for Safety for Electrical Systems of Electronic Cigarettes and Vaping Devices (new standard)  


Public Review: Jan 1, 2021 | Final Action: Jun 23, 2021 Approved

Public Review: Apr 30, 2021 | Final Action: Jul 28, 2021 Approved

UL 817-2023, Standard for Cord Sets and Power Supply Cords (revision of ANSI/UL 817-2021)  
Public Review: Jan 20, 2023 | Final Action: May 16, 2023 Approved

UL 82-2020, UL 82, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2018)  
Public Review: Feb 14, 2020 | Final Action: May 1, 2020 Approved

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


Public Review: Mar 12, 2019 | Final Action: Oct 18, 2019 Approved

UL 827-2019a, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2018)  


UL 827-2021, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2020)  
Public Review: May 28, 2021 | Final Action: Sep 15, 2021 Approved

UL 827-2023, Standard for Central-Station Alarm Services (revision of ANSI/UL 827-2022)  
Public Review: Nov 25, 2022 | Final Action: Mar 29, 2023 Approved


Public Review: Dec 20, 2019 | Final Action: Apr 10, 2020 Approved

Public Review: Mar 13, 2020 | Final Action: Jul 6, 2020 Approved

Public Review: Jun 15, 2018 | Final Action: Aug 20, 2018 Approved

UL 817-2021a, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2018)  

UL 817-2021c, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2021)  
Public Review: Jul 16, 2021 | Final Action: Sep 22, 2021 Approved

UL 82-2018, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2016)  

UL 82-2021, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2020)  
Public Review: Mar 12, 2021 | Final Action: May 7, 2021 Approved


Public Review: Dec 14, 2018 | Final Action: Apr 11, 2019 Approved


UL 827-2020a, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2019)  

UL 827-2022, Standard for Central-Station Alarm Services (August 5, 2022) (revision of ANSI/UL 827-2021)  
Public Review: Aug 5, 2022 | Final Action: Sep 23, 2022 Approved

UL 827-2023a, Standard for Central-Station Alarm Services (revision of ANSI/UL 827-2023)  
Public Review: Aug 18, 2023 | Final Action: Oct 19, 2023 Approved

UL 83-2017a, Standard for Safety for Thermoplastic-Insulated Wires and Cables (proposal dated 7-1-16) (revision of ANSI/UL 83-2014)  
Public Review: Jul 1, 2016 | Final Action: Jul 28, 2017 Approved

Public Review: Dec 1, 2017 | Final Action: Jan 10, 2018 Approved
UL 854-2023, Standard for Safety for Service-Entrance Cables

UL 854-2023a, Standard for Safety for Service-Entrance Cables (revision of ANSI/UL 854-2023a)

Public Review: May 17, 2019 | Final Action: Jul 11, 2019 Approved


UL 844-2021, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations
Public Review: Sep 25, 2021 | Final Action: Nov 12, 2021 Approved


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UL 96-2023, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-2020) Public Review: Jan 20, 2023 | Final Action: May 9, 2023 Approved


UL 970-2024, Standard for Retail Fixtures and Merchandise Displays (revision of ANSI/UL 970-2023) Public Review: Nov 24, 2023 | Final Action: Jan 12, 2024 Approved


USEMCSC (United States EMC Standards Corp.)
32515 Nottingham Court, P.O. Box 367, Lindstrom, MN  55045

- 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


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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VITA (VMEbus International Trade Association (VITA))
929 W. Portobello Avenue, Mesa, AZ 85210 | w: www.vita.com


WCMA (Window Covering Manufacturers Association)
355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 | w: www.wcmanet.org


WDMA (Window and Door Manufacturers Association)
2001 K Street NW, Suite 300, Washington, DC 20006 | w: www.wdma.com

WMA (World Millwork Alliance)
10047 Robert Trent Jones Parkway, New Port Richey, FL 34655 | w: http://worldmillworkalliance.com


WMMA (ASC O1) (Wood Machinery Manufacturers of America)
2331 Rock Spring Road, Forest Hill, MD 21050 | w: www.wmma.org

- ANSI 01.1-2013 (R2023), Woodworking Machinery - Safety Requirements (reaffirmation of ANSI 01.1-2013) Public Review: Apr 21, 2023 | Final Action: Jul 11, 2023 Approved

- ANSI/01.1-3-2014 (R2022), Safety Requirements for CNC Machining Centers for the Woodworking Industry (reaffirmation of ANSI/WMMA 01.1-3-2014) Public Review: Sep 10, 2021 | Final Action: Mar 18, 2022 Approved

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- 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