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

Listed below are Approved American National Standards (ANS) as of 7/22/2024. 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.

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


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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


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


ANSI/ASB Std 135-2023, Scene Detection and Processing in Forensic Anthropology (new standard) PINS: Oct 7, 2022 | Final Action: May 15, 2023 Approved


ANSI/ASB Std 139-2024, Reporting DNA Conclusions (new standard) PINS: Dec 6, 2019 | Public Review: Mar 17, 2023 | Final Action: Feb 13, 2024 Approved


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


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


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


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
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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)
901 North Glebe Road, Suite 300, Arlington, VA  22203 | w: www.aami.org

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Approved American National Standards

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


ANSI/AAMI/ISO 27185-2012 (R2017), Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements (reaffirm a national adoption ANSI/AAMI/ISO 27185-2012) Public Review: Feb 3, 2017 | Final Action: Jun 1, 2017 Approved


Approved American National Standards

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


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


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

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

- ANSI B165.1-2019, Power Driven Brushing Tools - Safety
  Requirements for Design, Care and Use (revision of ANSI B165.1-2013)

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

- ANSI ABMA 8.2-2023, Ball and Roller Bearing Mounting Accessories Inch Design (revision of ANSI/ABMA 8.2-1999 (S2020))


- ANSI ABMA 9-2015 (R2020), Load Ratings and Fatigue Life for Ball Bearings (reaffirmation of ANSI ABMA 9-2015)


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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


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


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


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

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


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


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


ACP (American Clean Power Association)
1299 Pennsylvania Ave. NW, Suite 1300, Washington, DC  20004 | w: www.cleanpower.org

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


ADA (Organization) (American Dental Association)


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


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

  Public Review: Feb 16, 2024 | Final Action: Apr 16, 2024 Approved

- ANSI B109.3-2019 (R2024), Rotary-Type Gas Displacement Meters (reaffirmation of ANSI B109.3-2019)
  Public Review: Feb 16, 2024 | Final Action: Apr 16, 2024 Approved

- ANSI B109.5-2024, Self-Operated Diaphragm-Type Natural Gas Service Regulators for Nominal Pipe Size Up to and including 2 inches (50 mm) and Inlet Pressures up to 125 psig (861.6 kPa) with Outlet Pressure of 20 psig (138 kPa) or Less not Covered in ANSI B109.4N (new standard)
  Pins: May 29, 2020 | Public Review: Jan 26, 2024 | Final Action: Apr 16, 2024 Approved

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

  Pins: May 21, 2021 | Public Review: Apr 28, 2023 | Final Action: Nov 1, 2023 Approved

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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 | w: www.ahrinet.org


AIADA (American Institute of Aeronautics and Astronautics)

12700 Sunrise Valley Drive, Suite 200, Reston, VA  20191-5807 | w: www.aiaa.org


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


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

ANSI/AISI S100-16/S2-2020, Supplement 2 to North American Specification for the Design of Cold-Formed Steel Structural Members (supplement to ANSI/AISI S100-2016)


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


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


ANSI/AMCA 250-2021, Laboratory Methods of Testing Jet Fans for Performance (revision of ANSI/AMCA 250-2012)
Public Review: Oct 22, 2021 | Final Action: Jan 6, 2022 Approved

ANSI/AMCA 300-2024, Reverberation Room Methods of Sound Testing of Fans (revision of ANSI/AMCA Standard 300-2014)

PINS: Nov 11, 2016 | Public Review: Apr 6, 2018 | Final Action: Dec 6, 2018 Approved


ANSI/AMCA 270-2023, Laboratory Methods of Aerodynamic Testing Fan Arrays for Rating (new standard)
PINS: Apr 26, 2019 | Public Review: Mar 3, 2023 | Final Action: Jun 1, 2023 Approved

ANSI/AMCA 320-2023, Laboratory Method of Sound Testing of Fans Using Sound Intensity (revision of ANSI/AMCA 320-2013)
PINS: Mar 3, 2023 | Final Action: Jul 28, 2023 Approved

ANSI/AMCA 540-2023, Test Method for Louvers Impacted by Wind Borne Debris (revision of ANSI/AMCA 540-2013)
PINS: Jan 27, 2023 | Final Action: Apr 17, 2023 Approved

ANSI/AMCA Standard 204-2020, Balance Quality and Vibration Level for Fans (revision and redesignation of ANSI/AMCA 204-2005 (R2012))


ANSI/AMCA Standard 301-2022, Methods for Calculating Fan Sound Ratings from Laboratory Test Data (revision of ANSI/AMCA Standard 301-2014)
PINS: Nov 19, 2021 | Final Action: Oct 28, 2022 Approved


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


PINS: May 12, 2023 | Public Review: Sep 1, 2023 | Final Action: Jan 4, 2024 Approved

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

ANSI Z60.1-2014, Standard for Nursery Stock (revision of ANSI Z60.1-2004)
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AMPP (Association for Materials Protection and Performance)
15835 Park Ten Place, Houston, TX  77084 | w: www.ampp.org


ANS (American Nuclear Society)
1111 Pasquinelli Drive, Suite 350, Westmont, IL  60559 | w: www.ans.org


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


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ANSI/ANS 41.5-2012, 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


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


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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: Feb 19, 2016 | Public Review: Mar 15, 2019 | Final Action: Jun 11, 2019 Approved


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


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


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


APTech (ASC B65) (Association for Print Technologies)
450 Rev Kelly Smith Way, Nashville, TN  37203 | w: www.printtechnologies.org


APTech (ASC CGATS) (Association for Print Technologies)
450 Rev Kelly Smith Way, Nashville, TN  37203 | w: www.printtechnologies.org


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APTech (ASC CGATS) (Association for Print Technologies)
450 Rev Kelly Smith Way, Nashville, TN 37203 | w: www.printtechnologies.org


ARESCA (American Renewable Energy Standards and Certification Association)


ASA (ASC S1) (Acoustical Society of America)
1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: www.acousticalsociety.org
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**ASA (ASC S1) (Acoustical Society of America)**

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


- ANSI/ASA S1.6-2020, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (reaffirmation of ANSI ASA S1.6-2016) Public Review: Mar 20, 2020 | Final Action: May 28, 2020 Approved


- ANSI/ASA S1.26-2014 (R2024), Methods for Calculation of the Absorption of Sound by the Atmosphere (reaffirmation of ANSI/ASA S1.26-2014 (R2019)) Public Review: Jan 26, 2024 | Final Action: Mar 26, 2024 Approved


### ASA (ASC S12) (Acoustical Society of America)

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


- ANSI S12.3-2023, Declaration of Product Noise Emission Values (revision of ANSI S12.3-1985 (R2020)) Public Review: Nov 4, 2022 | Final Action: Sep 1, 2023 Approved
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ASA (ASC S12) (Acoustical Society of America)
1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: www.acousticalsociety.org


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ASA (ASC S12) (Acoustical Society of America)

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


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


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


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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)
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/


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ANSI/ASAE S397.4 NOV2013 (R2024), Electrical Service and Equipment for Irrigation (reaffirmation of ANSI/ASAE S397.4 NOV2013 (R2018)) Public Review: Dec 8, 2023 | Final Action: Jan 29, 2024 Approved


ASB (ASC Z50) (American Society of Baking)


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


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


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


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


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


  Public Review: Nov 1, 2019 | Final Action: Dec 19, 2019 Approved


  PINS: Jan 1, 2010 | Public Review: Apr 6, 2018 | Final Action: Jul 10, 2018 Approved


  PINS: Sep 16, 2016 | Public Review: Dec 30, 2022 | Final Action: Feb 16, 2023 Approved


Approved American National Standards

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


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

ANSI/ASCE/EWRI 46 Standard Guidelines for the Installation of Urban Stormwater Systems  
ANSI/ASCE/EWRI 47 Standard Guidelines for the Operation and Maintenance of Urban Stormwater Systems  
(new standard) PINS: Feb 26, 2014 | Final Action: Aug 10, 2016 Approved

ANSI/ASCE/EWRI 51-2016, Standard Guideline for Calculating the Effective Saturated Hydraulic Conductivity


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

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

ANSI/ASCE/SEI 25-2016, Earthquake Actuated Gas Shutoff Valves

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

ANSI/ASHRAE 62.1c-2018, Ventilation for Acceptable Indoor Air Quality

ANSI/ASHRAE  135ak-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks

ANSI/ASHRAE 135.1a-2006, Method of Test for Conformance to BACnet

ANSI/ASHRAE 135.1c-2007, Method of Test for Conformance to BACnet

ANSI/ASHRAE 62.1r-2018, Ventilation for Acceptable Indoor Air Quality

ANSI/ASHRAE 62.2k-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings

ANSI/ASHRAE 135.1b-2009, Method of Test for Conformance to BACnet

ANSI/ASHRAE 135.1l-2011, Method of Test for Conformance to BACnet
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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
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180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org

- ANSI/ASHRAE 135be-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135bf-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135bg-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135bh-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135bi-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135bl-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135bn-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135d-2006, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135e-2007, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135f-2007, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135i-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135o-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135r-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135q-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks
- ANSI/ASHRAE 135s-2009, 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.)
180 Technology Parkway, Peachtree Corners, GA 30092 | w: www.ashrae.org


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ANSI/ASHRAE Addendum g to 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


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

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Public Review: Feb 8, 2019 | Final Action: Aug 19, 2019
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Public Review: Feb 8, 2019 | Final Action: Jun 27, 2019
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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

ANSI/ASHRAE/IES Addendum 90.1t-2019, Energy Standard
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

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

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Approved

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

Public Review: Nov 16, 2018 | Final Action: Jul 1, 2019
Approved

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

Approved

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ASIS (ASIS International)
1625 Prince Street, Alexandria, VA  22314-2818 | w: www.asisonline.org


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

- ANSI/ASIS A112.1.2-2012 (R2022), Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water-Connected Receptors) (reaffirmation of ANSI/ASIS A112.1.2-2012 (R2017)) Public Review: Mar 11, 2022 | Final Action: May 17, 2022 Approved
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<th>Standard Number</th>
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ASME A17.7/CSA B44.7-2006 (R2012) PINS: Jul 9, 2021 | Public Review: Feb 4, 2022 | Final Action: Sep 2, 2022 Approved


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


ASME (American Society of Mechanical Engineers)

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

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

  Public Review: Jun 15, 2018 | Final Action: Sep 6, 2018 Approved


  Public Review: Sep 17, 2021 | Final Action: Nov 6, 2021 Approved


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As of Monday, July 22, 2024, the documents listed below have been approved by ASME. The approval status includes re-affirmation, revision and consolidation of standards.

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

ASME B29.8-2010 (S2021), Thumb Screws and Wing Screws (stabilized maintenance of ANSI/ASME B29.8-2010 (R2017)) Public Review: Oct 8, 2021 | Final Action: Jan 4, 2022 Approved


ASME B27.6-1972 (S2021), General Purpose Uniform Cross Section Spiral Retaining Rings (stabilized maintenance of ANSI/ASME B27.6-1972 (R2017)) Public Review: Oct 8, 2021 | Final Action: 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
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**ASME (American Society of Mechanical Engineers)**

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- ASME B31J-2023, Stress Intensification Factors (i-Factors), Flexibility Factors (k-Factors), and Their Determination for Metallic Piping Components (revision of ANSI/ASME B31J-2017) Public Review: Jun 24, 2022 | Final Action: Jul 17, 2023 Approved
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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 B89.4.22-2004 (R2024), Methods for Performance Evaluation of Articulated Arm Coordinate Measuring Machines (reaffirmation of ANSI/ASME B89.4.22-2004 (R2019)) Public Review: Apr 5, 2024 | Final Action: Jul 8, 2024 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 B94.51M-2010 (S2016), Specifications for Band Saw Blades (Metal Cutting) (stabilized maintenance of ANSI/ASME B94.51M-2010 (R2015)) Public Review: Feb 5, 2016 | Final Action: May 18, 2016 Approved


ASME B94.6-1984 (S2016), Knurling (stabilized maintenance of ANSI/ASME B94.6-1984 (R2014)) Public Review: Dec 18, 2015 | Final Action: May 18, 2016 Approved

ASME B94.9-2008 (R2023), Taps: Ground Thread with Cut Thread Appendix (Inch and Metric Sizes) (reaffirmation of ANSI/ASME B94.9-2008 (R2018)) Public Review: Jun 9, 2023 | Final Action: Sep 25, 2023 Approved


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


ASME BPVC Section IV-2023, Rules for Construction of Heating Boilers (revision of ANSI/ASME BPVC Section IV-2021) Public Review: Dec 16, 2022 | Final Action: Mar 8, 2023 Approved


ASME BPVC Section VII-2023, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2021) Public Review: Dec 30, 2022 | Final Action: Feb 17, 2023 Approved


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- ASME NM-3-2018, Nonmetallic Materials (new standard)

  Public Review: Jun 24, 2022 | Final Action: Aug 18, 2022 Approved

- ASME NOG-1-2020, Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder)
  (revision of ANSI/ASME NOG-1-2015)

- ASME NQA-1-2022, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2019)

- 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

- ASME OM-2022, Operation and Maintenance of Nuclear Power Plants (revision of ANSI/ASME OM-2020)

  Public Review: Nov 9, 2018 | Final Action: Mar 25, 2019 Approved

- ASME PCC-1-2022, Standard for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2019)

- ASME PCC-2-2022, Repair of Pressure Equipment and Piping (revision of ANSI/ASME PCC-2-2018)
  Public Review: Jan 21, 2022 | Final Action: Apr 4, 2022 Approved

- ASME PDS 1.1-2023, Default Standards for Understanding Engineering Documentation with Incomplete Reference to Applicable Dimensioning, Tolerancing, Surface Texture, and Metrology Standards (revision of ANSI/ASME PDS-1.1-2013)

- ASME POM 102-2014 (R202x), Operating Walkdowns of Power Plants (reaffirmation of ANSI/ASME POM 102-2014)

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

- ASME NML-1-2019, Rules for the Movement of Loads using Overhead Handling Equipment in Nuclear Facilities (new standard)
  PINS: Jul 2, 2010 | Public Review: Mar 1, 2019 | Final Action: Jun 5, 2019 Approved

  Public Review: Apr 12, 2019 | Final Action: Sep 4, 2019 Approved

- ASME NQA-1-2024, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2022)
  Public Review: Jan 26, 2024 | Final Action: Jun 13, 2024 Approved


- ASME PCC-1-2019, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2013)

  Public Review: Feb 16, 2018 | Final Action: Aug 8, 2018 Approved


- ASME PTC 1-2022, Performance Test Codes - General Instructions (revision of ANSI/ASME PTC 1-2015)


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1201 Dublin Road, Suite G04, Columbus, OH 43215 | w: www.asnt.org


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1201 Dublin Road, Suite G04, Columbus, OH 43215 | w: www.asnt.org


**ASPE (American Society of Plumbing Engineers)**

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


**ASQ (American Society for Quality)**

600 N Plankinton Avenue, Milwaukee, WI 53203 | w: www.asq.org


**ASQ (ASC Z1) (American Society for Quality)**

600 N Plankinton Avenue, Milwaukee, WI 53201 | w: www.asq.org


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ANSI/ASQ Z1.4-2003 (R2024), Sampling procedures and tables for inspection by attributes (reaffirmation and redesignation of ANSI/ASQ Z1.4-2003 (R2013)) Public Review: Jan 19, 2024 | Final Action: Mar 5, 2024 Approved

ANSI/ASQ Z1.9-2003 (R2024), Sampling procedures and tables for inspection by variables for percent nonconforming (reaffirmation and redesignation of ANSI/ASQ Z1.9-2003 (R2013)) Public Review: Jan 19, 2024 | Final Action: Mar 5, 2024 Approved


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ASQ (ASC Z1) (American Society for Quality)
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ANSI/ASSE A10.18-2023, Safety Requirements for Temporary Roof and Floor Holes, Wall Openings, Stairways, and Other Unprotected Edges in Construction and Demolition Operations (new standard) PINS: Jul 28, 2023 | Final Action: Nov 3, 2023 Approved


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ASSP (ASC A10) (American Society of Safety Professionals)
520 N. Northwest Highway, Park Ridge, IL  60068 | w: www.assp.org


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- ASTM (ASTM International)
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ASTM E1020-2024, Practice for Reporting Incidents that May Involve Criminal or Civil Litigation Public Review: Nov 10, 2023 | Final Action: Dec 26, 2023 Approved


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

- ASTM E1388-2024, Practice for Static Headspace Sampling of Vapors from Fire Debris Samples (revision of ANSI/ASTM E1388-2017) Public Review: Jan 5, 2024 | Final Action: Mar 1, 2024 Approved


ASTM (ASTM International)

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

- ASTM E1740-2022, Test Method for Determining the Heat Release Rate and Other Fire-Test-Response Characteristics of Wall Covering or Ceiling Covering Composites Using a Cone Calorimeter (revision of ANSI/ASTM E1740-2020A)
  Public Review: Mar 11, 2022 | Final Action: Apr 26, 2022 Approved


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ASTM (ASTM International)


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- ASTM E2334-2008 (R2023), Practice for Setting an Upper Confidence Bound for a Fraction or Number of Non-Conforming items, or a Rate of Occurrence for Non-Conformities, Using Attribute Data, When There Is a Zero Response in the Sample (reaffirmation of ANSI/ASTM E2334-2008 (R2018)) Public Review: Dec 9, 2022 | Final Action: Jan 24, 2023 Approved


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


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


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


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ASTM (ASTM International)

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- 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)

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ASTM F1603-2017 (R2023), Specification for Kettles, Steam-Jacketed, 32 oz to 20 gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated (reaffirmation of ANSI/ASTM F1603-2017) Public Review: Dec 9, 2022 | Final Action: Jan 24, 2023 Approved


ASTM F1602-2012 (R2023), Specification for Kettles, Steam-Jacketed, 20 to 200 gal (75.7 to 757 L), Floor or Wall Mounted, Direct Steam, Gas and Electric Heated (reaffirmation of ANSI/ASTM F1602-2012 (R2017)) Public Review: Dec 9, 2022 | Final Action: Jan 24, 2023 Approved


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


- ASTM F1807-2023, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2019B) Public Review: Jan 6, 2023 | Final Action: Feb 21, 2023 Approved
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- ASTM F2145-2023, Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing (revision of ANSI/ASTM F2145-2013 (R2018)) Public Review: Jan 6, 2023 | Final Action: Feb 21, 2023 Approved
ASTM (ASTM International)
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | w: www.astm.org

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


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ASTM F4565-2023, Practice for Electrofusion Joining Polyethylene (PE) Pipe and Fittings for Pressure Pipe Service (new standard) PINS: Dec 1, 2017 | Public Review: Aug 11, 2023 | Final Action: Sep 26, 2023 Approved


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**ASTM (ASTM International)**

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


**ATCC (American Type Culture Collection)**

217 Perry Parkway, Suite 1, Gaithersburg, MD 20877 | w: www.atcc.org


**ATIS (Alliance for Telecommunications Industry Solutions)**

1200 G Street NW, Suite 500, Washington, DC 20005 | w: www.atis.org


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


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


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

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


- ANSI ATIS 1000029-2008 (S2018), Security Requirements for NGN (stabilized maintenance of ANSI ATIS 1000029-2008 (R2018)) Public Review: Jun 21, 2019 | Final Action: Sep 9, 2019 Approved


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1200 G Street NW, Suite 500, Washington, DC  20005 | w: www.atis.org


- 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


APPENDIX B

Public Review: Oct 23, 2022 | Final Action: Dec 6, 2022 Approved

Public Review: Oct 23, 2022 | Final Action: Dec 6, 2022 Approved

Public Review: Oct 23, 2022 | Final Action: Dec 6, 2022 Approved

Public Review: Oct 23, 2022 | Final Action: Dec 6, 2022 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


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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 1000011-2006 (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


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

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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


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AWI (Architectural Woodwork Institute)
46179 Westlake Drive, Suite 120, Potomac Falls, VA  20165-5874 | w: www.awinet.org

- ANSI/AWI 1235-2024, Specialty Casework (new standard)
  PINS: Nov 25, 2016 | Public Review: May 17, 2024 | Final Action: Jul 14, 2024 Approved

- ANSI/AWI SMA 0643-2021, AWI SMA 0643 - Wood Stair, Handrail, and Guard Systems (new standard)

AWPA (ASC O5) (American Wood Protection Association)
2430 US Highway 27 STE #330-223, Clermont, FL  34714 | w: www.awpa.com


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


- AWS A2.4-2020, Standard Symbols for Welding, Brazing, and Nondestructive Examination (revision of ANSI/AWS A2.4-2012)


- AWS A5.01M/A5.01:2019 (ISO 14344:2010 MOD) (R2024), Welding and Brazing Consumables—Procurement of Filler Metals and Fluxes (reaffirm a national adoption ANSI/AWS A5.01M/A5.01:2019 (ISO 14344:2010 MOD))
  Public Review: Feb 2, 2024 | Final Action: Apr 16, 2024 Approved
AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6872 | w: www.aws.org

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


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


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


AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | w: www.aws.org


AWS B2.1-1-022-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard) PINS: Dec 20, 2013 | Public Review: Jul 28, 2017 | Final Action: Apr 10, 2018 Approved


AWS B2.1-1-017-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard) PINS: Dec 20, 2013 | Public Review: Jul 28, 2017 | Final Action: Apr 10, 2018 Approved


AWS B2.1-1-206-2019, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Mar 30, 2018 | Public Review: Aug 31, 2018 | Final Action: Mar 1, 2019 Approved


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


AWS B2.1-1-211-2023, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, INMs-1, ER70S-2, and E7018, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved
AWS B2.1-1-232-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3 and E71T-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard) PINS: Aug 26, 2016 | Public Review: Apr 27, 2018 | Final Action: Jul 31, 2019 Approved


AWS B2.1-1-8-227-2023, Standard Welding Procedure Specification (SWEP) 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, E309(L)-15,-16, or -17, 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 (SWEP) 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 B2.1-1-8-014-2002 (S2022), Standard Welding Procedure Specification (SWEP) for Shielded Metal Arc Welding (Short Circuiting Transfer Mode) of Carbon Steel to Austenitic Stainless Steel (M-1 to M-8, P-8, or S-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-8-012-2002 (R2013)) PINS: Sep 17, 2021 | Public Review: Nov 12, 2021 | Final Action: Nov 14, 2022 Approved

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

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


AWS B2.1-1/8-229-2023, 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 1/2 inch [38 mm] Thick, ER309(L) and E309(L)-XX, in the As-Welded Condition, Primarily Pipe Applications (new standard) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved


AWS B2.1-1/8-231-2023, 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), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, IN309 and ER309(L), As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1/8-231:2015) PINS: Sep 17, 2021 | Public Review: Jun 16, 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 B2.1-1-8-229-2021, 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 B2.1-1-8-221-2021, 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)-XX, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-8-221-2015) PINS: Sep 17, 2021 | Public Review: Feb 17, 2023 | Final Action: May 18, 2023 Approved


AWS B2.1-5A-2016-2023, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8, Group 1), 1/16 inch [1.5 mm] through 1-1/2 inch [38 mm] Thick, ER3XX, As-Welded Condition Primarily Plate and Structural Applications (new standard) PINS: Sep 17, 2021 | Public Review: Aug 12, 2022 | Final Action: Feb 27, 2023 Approved


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


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AWS (ASC Z49) (American Welding Society)
8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | w: www.aws.org


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


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


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


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 C602-2023, Cement–Mortar Lining of Water Pipelines in Place - 4 In. (100 mm) and Larger (revision of ANSI/AWWA C602-2017) PINS: Nov 16, 2018 | Public Review: Nov 11, 2022 | Final Action: Jan 12, 2023 Approved


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

ANSI/AWWA C903-2021, Polyethylene-Aluminum-Polyethylene (PE-AL-PE) Composite Pressure Pipe, 12 mm (1/2 In.) Through 51 mm (2 In.), for Water Service (revision of ANSI/AWWA C903-2016) PINS: Sep 1, 2017 | Public Review: Jul 9, 2021 | Final Action: Aug 31, 2021 Approved

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

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


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ANSI/BHMA A156.16-2023, Standard for Auxiliary Hardware (revision of ANSI/BHMA A156.16-2013 (R2018)) PINS: Jul 8, 2022 | Public Review: Feb 24, 2023 | Final Action: May 11, 2023 Approved


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BHMA (Builders Hardware Manufacturers Association)
529 14th Street, NW, Suite 1280, Washington, DC 20045 | w: www.buildershardware.com


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


- ANSI/BHMA A156.4-2024, Door Controls and Pivots (revision of ANSI/BHMA A156.4-2019) PINS: Dec 16, 2022 | Public Review: Jan 19, 2024 | Final Action: Apr 18, 2024 Approved

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


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


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


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1101 15th Street, NW, Suite 800, Washington, DC 20005 | w: www.boma.org


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


CEDIA (Custom Electronics Design and Installation Association)
8475 Nightfall Drive, Fishers, IN 46037 | w: www.cedia.net

## ANSI/CEMA Standards

- **CEMA (Conveyor Equipment Manufacturers Association)**

## CGA (Compressed Gas Association)

- **CGA (Compressed Gas Association)**
  - ANSI/CGA H-3-2024, Cryogenic Hydrogen Storage (new standard) PINS: May 20, 2022 | Public Review: Dec 8, 2023 | Final Action: Jun 12, 2024 Approved
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CGA (Compressed Gas Association)
8484 Westpark Drive, Suite 220, McLean, VA 22102 | w: www.cganet.com

- ANSI/CGA P-18-2020, Standard for Bulk Inert Gas Systems
  Approved

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

  Approved

  Approved

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

  Approved

  Approved

  Approved

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

  Approved

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

  Approved

  Approved
**CRSI (Concrete Reinforcing Steel Institute)**

933 N Plum Grove Road, Schaumburg, IL  60173 | w: www.crsi.org


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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 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))
Public Review: 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
Approved American National Standards

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


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

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


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Approved American National Standards

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


ANSI/CTA 2115-2024, Accessibility Preferences Data Model (new standard) PINS: Jun 3, 2022 | Public Review: Jan 26, 2024 | Final Action: Mar 21, 2024 Approved


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


DASMA (Door and Access Systems Manufacturers Association)
1300 Summer 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.)
230 Manitoba Avenue, Suite 110, 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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13873 Park Center Road, Suite 315, Herndon, VA 20171 | w: www.ecianow.org


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


ANSI/EIA 61014-2017, Programs for reliability growth
(identical national adoption of IEC 61014:2003 Ed.2.0)

ANSI/EIA 61078-2018, Reliability Block Diagrams

ANSI/EIA 61164-2017, Reliability growth - Statistical test and estimation methods

ANSI/EIA 61703-2017, Mathematical expressions for realiability, availability, maintainability and maintenance support terms

ANSI/EIA 622-C-2020, Glossary of Electrical Connector Related Terms


ANSI/EIA 62506-2017, Methods for product accelerated testing


ANSI/EIA 886-B-2020, Resistors, Thick Film Array on Ceramic

ANSI/EIA 61025-2017, Fault tree analysis (FTA)

ANSI/EIA 61124-2017, Reliability testing - Compliance tests for constant failure rate and constant failure intensity

ANSI/EIA 61649-2017, Weibull Analysis

ANSI/EIA 61710-2017, Power law mode - Goodness-of-fit tests and estimation methods

ANSI/EIA 62391-1-2020, Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification


ANSI/EIA 797-2014 (R2020), Aluminum-Electrolytic Capacitor Application Guideline

ANSI/EIA 887-B-2023, Thin Film Resistor Network Specification
Approved American National Standards

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


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


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


EOS/ESD (ESD Association, Inc.)
218 W. Court Street, Rome, NY  13440 | w: https://www.esda.org


ANSI/ESD SP 5.3.2-2004 (R2013), ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Socketed Device Model (SDM) - Component Level (reaffirmation of ANSI/ESD SP 5.3.2-2004 (R2008)) Public Review: Jul 12, 2013 | Final Action: Sep 30, 2013 Approved

Approved American National Standards

EOS/ESD (ESD Association, Inc.)
218 W. Court Street, Rome, NY 13440 | w: https://www.esda.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


ANSI E1.64-2024, Stage Machinery Motion Control (new standard) PINS: May 11, 2018 | Public Review: Feb 23, 2024 | Final Action: Jun 17, 2024 Approved


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

† ANSI/E1.6-7-2023, Powered Curtain Machines (new standard) PINS: May 1, 2020 | Public Review: Aug 11, 2023 | Final Action: Dec 12, 2023 Approved

FCI (Fluid Controls Institute)
1300 Sumner 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

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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

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

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


**HI (Hydraulic Institute)**

300 Interpace Parkway, Bldg A, 3rd Floor, Parsippany, NJ  07054 | w: www.pumps.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*


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


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


Approved American National Standards

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

- ANSI N43.4-2021, Classification of Radioactive Self-Luminous Light Sources (revision of ANSI N43.4-2013) PINS: Oct 16, 2020 | Public Review: Nov 27, 2020 | Final Action: Jan 21, 2021 Approved
- ANSI N43.7-2018, Safe Design and Use of Self-Contained, Dry Source Storage Irradiators (Category I) (new standard) PINS: Jan 26, 2018 | Public Review: May 11, 2018 | Final Action: Jul 24, 2018 Approved

HPVA (Hardwood Plywood Veneer Association)
4277 Trade West Drive, Sterling, VA  20166 | w: www.DecorativeHardwoods.org


HSI (Healthcare Standards Institute)
347 Park Ridge, Boerne, TX  78006 | w: www.hsi.health/


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


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


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IAPMO (3) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA  91761 | w: www.iapmo.org


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


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


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ANSI/IAPMO Z124.8-2013 (R2023), Plastic Liners for Bathtubs and Shower Receptors (reaffirmation of ANSI/IAPMO Z124.8-2013 (R2019)) Public Review: Dec 1, 2023 | Final Action: Mar 8, 2024 Approved


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


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


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

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

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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


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


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

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


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IEEE (Institute of Electrical and Electronics Engineers)
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 802.15.4j-2013, Standard for Local and metropolitan area networks - Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) - Amendment 4: Alternative Physical Layer Extension to Support Medical Body Area Network (MBAN) Services Operating in the 2360 MHz - 2400 MHz Band (new standard) PINS: Jan 21, 2011 | Public Review: Jul 12, 2013 | Final Action: Oct 7, 2014 Approved
IEEE (Institute of Electrical and Electronics Engineers)
445 Hoes Lane, Piscataway, NJ 08854-4141 | w: www.ieee.org

- IEEE 802.15.4u-2016, Standard for Low-Rate Wireless Networks—Amendment 3: Use of the 865 MHz to 867 MHz Band in India (new standard) Public Review: Mar 24, 2017 | Final Action: Feb 27, 2017 Approved
- IEEE 82-2024, Recommended Practice for Impulse Voltage Tests on Insulated Cables and Their Accessories (new standard) PINS: Jul 3, 2020 | Public Review: Dec 1, 2023 | Final Action: Jun 27, 2024 Approved
IEEE (Institute of Electrical and Electronics Engineers)
445 Hoes Lane, Piscataway, NJ 08854-4141 | w: www.ieee.org

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- 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

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IEEE C57.12.20-2024, Standard for Overhead-Type Distribution Transformers 500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 7970/13 800Y V and Below (new standard) PINS: Oct 1, 2021 | Public Review: Dec 1, 2023 | Final Action: Jul 9, 2024 Approved

IEEE C57.12.34-2024, Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below (revision of ANSI/IEEE C57.12.34-2015) PINS: Oct 1, 2021 | Public Review: Sep 15, 2023 | Final Action: May 7, 2024 Approved


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

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

IES (Illuminating Engineering Society)
85 Broad Street, 17th Floor, New York, NY  10004 | w: www.ies.org

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


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


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


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### INMM (ASC N14) (Institute of Nuclear Materials Management)


- ANSI N14.5-2022, Leakage Tests on Packages for Shipment *(revision of ANSI N14.5-2014)*  

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


### IPC (IPC - Association Connecting Electronics Industries)

- ANSI/IPC 9257-2020, Requirements for Electrical Testing of Flexible Printed Electronics *(new standard)*  

### IS&T (The Society for Imaging Science & Technology)


### ISA (ASC Z133) (International Society of Arboriculture)


- ANSI/ISA Z133.2-2016, Tree Management and Maintenance - Small Trees - Guidelines for Professional Practice *(reaffirmation of ANSI/ISA Z133.2-2013)*  
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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 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 75.08.09-2016, 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 75.05.01-2019, Control Valve Terminology (revision of ANSI/ISA 75.05.01-2016) PINS: Nov 9, 2018 | Public Review: Jan 18, 2019 | Final Action: May 14, 2019 Approved

ANSI/ISA 75.08.02-2003 (R2017), Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.02-2003 (R2009)) Public Review: Oct 28, 2016 | Final Action: Feb 23, 2017 Approved

ANSI/ISA 75.08.08-2015, 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

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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


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


- INCITS 119-1984 [S2017], Contact Start/Stop Storage Disk, 158361 Flux Transitions per Track, 8.268 Inch (210 mm) Outer Diameter and 3.937 Inch (100 mm) Inner Diameter (stabilized maintenance of INCITS 119-1984 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved


- INCITS 126-1986 [S2017], One- and Two-Sided Double Density Unformatted 5.25 Inch (130 mm) 96 Tracks per Inch (3.8 Tracks per mm) Flexible Disk Cartridge - General, Physical, and Magnetic Requirements for 7958 BPR Use (stabilized maintenance of INCITS 126-1986 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved


- INCITS 120-1984 [S2017], Contact Start/Stop Storage Disk, 95840 Flux Transitions per Track, 7.874 Inch (200 mm) Outer Diameter and 2.500 Inch (63.5 mm) Inner Diameter (stabilized maintenance of INCITS 120-1984 (R2002)) Public Review: Apr 6, 2007 | Final Action: Jul 24, 2007 Approved


- INCITS 136-1986 [S2017], Serial Recorded Magnetic Tape Cartridge for Information Interchange, Four and Nine Track, 0.250 Inch (6.30 mm), 8000 bpi (315 bппм), 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 ln), 252 to 394 tpm (6400 to 10000 tpi) (stabilized maintenance of INCITS 164-1990 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 29, 2011 Approved


INCITS 157-1987 [S2018], Recorded Magnetic Tape for Information Interchange 0.5 in (12.7 mm), Tape, Nine Track, 3200 CPI (126 CPMM), Phase Encoded (stabilized maintenance of INCITS 157-1987 (R2003)) Public Review: Feb 22, 2008 | Final Action: Jun 19, 2008 Approved


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


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


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


INCITS 228-1993 [S2018], Information Systems - X.25 Data Transfer Phase (DTP) Procedures for Operation with Frame Relay (stabilized maintenance of INCITS 228-1993 (R2003))
Public Review: Feb 22, 2008 | Final Action: Jun 19, 2008 Approved


INCITS 234-1993 [S2018], Information Systems - Test Methods for Media Characteristics - 130-mm Rewritable Optical Disk Data Storage Cartridges with Continuous Composite Servo (CCS) (stabilized maintenance of INCITS 234-1993 (R2003))
Public Review: Feb 8, 2008 | Final Action: Jun 30, 2008 Approved


INCITS 242-1994 [S2018], Magnetic Tape Cartridge for Information Interchange, .50 in (12.65 mm) Serial Serpentine, 48-Track, 42 500 bpi (1 673 bppmm), DLT1 Format (stabilized maintenance of INCITS 242-1994 (R2004))

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))

INCITS 246-1994 [S2019], Information Processing Systems - Test Methods for Media Characteristics of 90mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridge with Discrete Block Format (DBF) (stabilized maintenance of INCITS 246-1994 (R2004))

INCITS 227-1996 [S2021], Recorded Magnetic Tape Mini-Cartridge for Information Interchange - Serial, 0.250 in (6.30 mm) 20 Tracks, 10 000 bpi (394 bppmm) and 28-Track, 14 700 bpi (579 bppmm), MFM Encoded (stabilized maintenance of INCITS 227-1996 (R2006))

INCITS 229-1994 [S2018], Fiber Distributed Data Interface (FDDI) Station Management (SMT) (stabilized maintenance of INCITS 229-1994 (R2004))

Public Review: Sep 2, 2011 | Final Action: Dec 29, 2011 Approved

INCITS 235-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange - 0.25 (6.30 mm), 10000 -12500 ftpi, (394 - 492 fppmm) Coercivity 550 oersteds (4400 amperes/meter) (Types 6150, 6250, 6037) (stabilized maintenance of INCITS 235-1995 (R2005))
Public Review: Feb 12, 2010 | Final Action: Jul 7, 2010 Approved


INCITS 243-1996 [S2021], Serial Magnetic Tape Cartridge for Information Interchange, 26 Tracks, 0.250 in (6.35 mm), 16 000 bpi (630 bppmm), Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 243-1996 (R2006))


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

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


- INCITS 250-1996 [S2021], Recorded Magnetic Tape Mini-Cartridge for Information Interchange, 0.250 in (630 mm) 12 and 24 Track,10,000 bpi (394 bpm) GCR (stabilized maintenance of INCITS 250-1996 (R2006)) Public Review: Aug 26, 2011 | Final Action: Dec 28, 2011 Approved


INCITS 300-1998 [S2018], Representation of Calendar Date and Ordinal Date for Information Interchange (stabilized maintenance of INCITS 30:1998 (R2013)) Public Review: Jul 27, 2018 | Final Action: Dec 31, 2018 Approved


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


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


INCITS 329-2000 [S2015], Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine, 208-Track, 85 940 bpi (3383 bpi/mm), DLT5 Format (stabilized maintenance of INCITS 329-2000 (R2010)) Public Review: Aug 28, 2015 | Final Action: Dec 22, 2015 Approved


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

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

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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


INCITS 485-2010/AM1-2012 [S2023], Information Technology - Fibre Channel - Generic Services - 6 (FC-GS-6) - Amendment 1 (stabilized maintenance of INCITS 485-2010/AM1-2012 [R2017]) Public Review: May 19, 2023 | Final Action: Aug 4, 2023 Approved

INCITS 48-1986 [S2017], Magnetic Tape Cassette for Information Interchange, 3.81 mm (0.150 in) Tape at 32 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 488-2016 [R2021], Information Technology - Fibre Channel - Framing And Signaling - 4 (FC-FS-4) (reaffirmation of INCITS 488-2016) Public Review: Apr 30, 2018 | Final Action: Aug 27, 2018 Approved


INCITS 488-2016 [R2021], Information Technology - Fibre Channel - Framing And Signaling - 4 (FC-FS-4) (reaffirmation of INCITS 488-2016) Public Review: Apr 30, 2018 | Final Action: Aug 27, 2018 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 528-2013 [S2023], Information Technology - Common Building Blocks Specification (stabilized maintenance of INCITS 528-2013 [R2018]) Public Review: May 19, 2023 | Final Action: Aug 4, 2023 Approved


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

INCITS 562-2024, Information technology - Fibre Channel - Framing and Signaling - 6 (FC-FS-6) (new standard) PINS: Jun 1, 2018 | Public Review: Nov 3, 2023 | Final Action: Apr 18, 2024 Approved


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


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


- INCITS/ISO 19117:2012 [R2023], Geographic information - Portrayal (reaffirmation of INCITS/ISO 19117:2012 [R2018])
  Public Review: May 19, 2023 | Final Action: Aug 31, 2023 Approved

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


INCITS/ISO 962:1974 [S2023], Information Processing - Implementation of the 7-Bit Coded Character Set and its 7-Bit and 8-Bit Extensions on 9-Track 12,7 mm (0.5 in) Magnetic Tape (stabilized maintenance of INCITS/ISO 962:1974 (R2018)) Public Review: May 19, 2023 | Final Action: Aug 4, 2023 Approved

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Public Review: Aug 12, 2016 | Final Action: Dec 19, 2016 Approved

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Information technology – Coding of audio-visual objects –
Part 5: Reference software - Amendment 14: Open Font Format reference software (reaffirm a national adoption
Approved

Information technology – Coding of audio-visual objects -
Part 5: Reference software - Amendment 2: MPEG-4 reference software extensions for XMT and media nodes
Public Review: May 19, 2023 | Final Action: Aug 31, 2023
Approved

Information technology – Coding of audio-visual objects –
Approved

Information technology – Coding of audio-visual objects -
Public Review: Aug 2, 2019 | Final Action: Nov 21, 2019
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Part 5: Reference software - Amendment 24: Reference software for AAC-ELD - Technical Corrigendum 3
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Information technology – Coding of audio-visual objects –
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INCITS/ISO/IEC 16824:1999 [S2020], Information technology
- 120 mm DVD rewritable disk (DVD-RAM) (stabilized maintenance of INCITS/ISO/IEC 16824:1999 [R2015])

INCITS/ISO/IEC 16969:1999 [S2020], Information technology
- Data interchange on 120 mm optical disk cartridges using +RW format - Capacity: 3.0 Gbytes and 6.0 Gbytes (stabilized maintenance of INCITS/ISO/IEC 16969:1999 [R2015])

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

INCITS/ISO/IEC 17346:2009 [R2019], Information technology
- Data Interchange on 120 mm Optical Disk using +R Format - Capacity: 4.7 Gbytes and 1.46 Gbytes per Side (Recording speed up to 4X) (reaffirm a national adoption INCITS/ISO/IEC 17346:2009 [R2014])

INCITS/ISO/IEC 17342:2004 [S2020], Information Technology - 80 Mm (1.46 Gbytes Per Side) And 120 Mm (4.70 Gbytes Per Side) DVD Re-Recordable Disk (DVD-RW) (stabilized maintenance of INCITS/ISO/IEC 17342:2004 [R2015])

INCITS/ISO/IEC 17345:2006 [S2017], Information technology
- Data Interchange on 130 mm Rewritable and Write Once Read Many Ultra Density Optical (UDO) Disk Cartridges - Capacity: 30 Gbytes per Cartridge - First Generation (stabilized maintenance of INCITS/ISO/IEC 17345:2006 [R2012])
Public Review: Jun 9, 2017 | Final Action: Dec 6, 2017 Approved

INCITS/ISO/IEC 17462:2000 [S2021], Information technology
- 3.81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical scan recording - DDS-4 Format (stabilized maintenance of INCITS/ISO/IEC 17462-2000 [R2006])

INCITS/ISO/IEC 17594:2004 [S2020], Information technology
- Cases for 120 mm and 80 mm DVD-RAM disks (stabilized maintenance of INCITS/ISO/IEC 17594:2004 [R2015])

INCITS/ISO/IEC 17788:2014 [R2022], Information technology
- Cloud computing - Overview and vocabulary (reaffirmation of INCITS/ISO/IEC 17788:2014 [2017])
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INCITS/ISO/IEC 18050:2006 [R2018])

INCITS/ISO/IEC 18050:2006 [R2018])

INCITS/ISO/IEC 18045:2008 [R2018])

INCITS/ISO/IEC 18045:2008 [R2018])


INCITS/ISO/IEC 18093:1999 [S2021], Information technology - Data Interchange on 130 mm Optical Disk Cartridges of Type WORM (Write Once Read Many) using Irreversible Effects - Capacity: 5.2 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 18093:1999 (R2006)) Public Review: Sep 9, 2011 | Final Action: Dec 14, 2011 Approved


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INCITS/ISO/IEC 19086-4:2019 [2020], Cloud computing — Service level agreement (SLA) framework — Part 4: Components of security and of protection of PII (identical)

INCITS/ISO/IEC 19395:2015 [R2022], Information technology - Sustainability for and by information technology - Smart data centre resource monitoring and control (reaffirmation of INCITS/ISO/IEC 19395:2015 [2017])


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INCITS/ISO/IEC 20563:2001 [S2012], Information technology - 80 mm (1.23 Gbytes per side) and 120 mm (3.95 Gbytes per side) DVD-recordable disk (DVD-R) (stabilized maintenance of INCITS/ISO/IEC 20563-2001 [R2007]) Public Review: Jun 8, 2012 | Final Action: Aug 20, 2012 Approved


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


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


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


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


MHI (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

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


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

- ANSI/NALFA LF-03-2019, Flooring Underlayment

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


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


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


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

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


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

- ANSI/NCPDP Medical Rebate Data Standard Version 02.03 -2024, NCPDP Medical Rebate Data Submission Standard Version 02.03 (new standard) PINS: Jun 2, 2023 | Public Review: Mar 15, 2024 | Final Action: Jun 17, 2024 Approved


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

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

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- NEMA 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


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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 Connectors 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


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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 C136.21-2024, roadway and area lighting - vertical tenons used with post top mounted luminaires (revision of ANSI C136.21-2014 (R2019)) PINS: Jun 2, 2023 | Public Review: Nov 24, 2023 | Final Action: Jan 29, 2024 Approved


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

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


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


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NEMA (ASC C136) (National Electrical Manufacturers Association)
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NEMA (ASC C137) (National Electrical Manufacturers Association)
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NEMA (ASC C18) (National Electrical Manufacturers Association)
1300 North 17th Street, 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 C37) (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 1752, Rosslyn, VA  22209 | w: www.nema.org


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


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

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


ANSI C78.1401-2004 (S2022), For Electric Lamps—Dimensions for Projection Lamps—Double-Contact, Medium Ring (Special B), Base-up Type (stabilized maintenance of ANSI C78.1401-2004 (R2016)) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 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 GX 5.3 Bases (stabilized maintenance of ANSI C78.1431-1997 (R2016)) Public Review: Jul 9, 2021 | Final Action: Jul 18, 2022 Approved

ANSI C78.1432-2001 (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 C78.1432-2001 (R2011)) Public Review: Sep 9, 2018 | Final Action: Jun 8, 2018 Approved

ANSI C78.1435-2002 (S2018), Standard Electric Lamps Projection Lamps—Tungsten Halogen Lamps with G5.3 Bases (stabilized maintenance of ANSI C78.1435-2002 (R2011)) Public Review: Sep 9, 2018 | Final Action: Jun 8, 2018 Approved


ANSI C78.1460-2004 (S2020), For Electric Lamps Single-Ended Tungsten-Halogen Lamps GZ9.5 Base, T6 Bulb, 36.5mm LCL, 76.2mm MOL with Proximity Reflector (stabilized maintenance of ANSI C78.1460-2004 (R2015)) Public Review: May 29, 2020 | Final Action: Sep 28, 2020 Approved

ANSI C78.1402-2004 (S2018), Standard For Electric Lamps—Dimensions for Projection Lamps G17q and GX17q Based Four-pin, Prefocus, for Base-down Operation (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 GZ9.5 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 C78.1434-2001 (S2018), Standard Electric Lamps Condensing Dichroic Coated Integral Reflector Side Pin Tungsten Halogen Projection Lamps with GX7.9 Bases (stabilized maintenance of ANSI C78.1434-2001 (R2011)) Public Review: Feb 9, 2018 | Final Action: Jun 8, 2018 Approved


ANSI C78.1501-2016 (R2022), For Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (reaffirmation of ANSI C78.1501-2016) Public Review: Jul 9, 2021 | Final Action: Apr 5, 2022 Approved
Approved American National Standards

NEMA (ASC C78) (National Electrical Manufacturers Association)

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


- 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


- 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
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NEMA (ASC C78) (National Electrical Manufacturers Association)

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


- 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 C78.51-2016 (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 C78.41-2016 (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 C78.50-2016 (R2022), For Electric Lamps–Assigned LED Lamp Codes (reaffirmation of ANSI C78.50-2016) Public Review: Jul 9, 2021 | Final Action: Apr 12, 2022 Approved


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


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


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


NEMA (ASC C8) (National Electrical Manufacturers Association)
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Public Review: Jul 14, 2023 | Final Action: Aug 31, 2023 Approved


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


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


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NEMA (ASC C8) (National Electrical Manufacturers Association)

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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


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 C82.16-2023, 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
NEMA (ASC C82) (National Electrical Manufacturers Association)

- ANSI C82.4-2017 (R2022), Standard For Lamp Ballasts – Ballasts For High-Intensity-Discharge Lamps - Methods of Measurement (reaffirmation of ANSI C82.4-2017) Public Review: Apr 22, 2022 | Final Action: Jun 16, 2022 Approved
- ANSI C82.7-7-3-2020, Standard for Lighting Equipment Electromagnetic compatibility (EMC) Testing and measurement techniques Radiated, radio-frequency electromagnetic field immunity test (national adoption with modifications of IEC 61000-4-3, ed3.2 (2010-04)) PINS: Dec 7, 2018 | Public Review: Jul 12, 2019 | Final Action: Jan 10, 2020 Approved
- ANSI C82.7-7-5-2023, Lighting Equipment - Voltage Surge Requirements (revision of ANSI C82.7-7-5-2017) PINS: May 21, 2021 | Public Review: Jun 2, 2023 | Final Action: Aug 4, 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
- ANSI C82.7-7-6-2023, Standard for Lighting Equipment Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current 16 A per phase and not subject to conditional connection (new standard) PINS: Dec 7, 2018 | Public Review: Jul 12, 2019 | Final Action: Jan 10, 2020 Approved
- ANSI C82.9-2016 (R2022), Standard for Lamp Ballasts— High-Intensity Discharge and Low-Pressure Sodium Lamps— Definitions (reaffirmation of ANSI C82.9-2016) Public Review: May 28, 2021 | Final Action: Apr 12, 2022 Approved

NEMA (ASC C84) (National Electrical Manufacturers Association)

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

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


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


NEMA (National Electrical Manufacturers Association)

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

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


NENA (National Emergency Number Association)

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | w: www.nena.org


- ANSI/NENA STA-026.5-2016 (R2022), NENA PSAP Master Clock Standard (reaffirmation of ANSI/NENA STA-026.5-2016) PINS: Nov 3, 2023 | Final Action: Jul 2, 2024 Approved


NETA (InterNational Electrical Testing Association)

3050 Old Centre Road, Suite 101, Portage, MI 49024 | w: www.netaworld.org


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ANSI/NFPA 204-2024, Standard for Smoke and Heat Venting


ANSI/NFPA 214-2021, Standard on Water-Cooling Towers


ANSI/NFPA 232-2022, Standard for the Protection of Records


ANSI/NFPA 25-2023, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems

ANSI/NFPA 252-2022, Standard Methods of Fire Tests of Door Assemblies

ANSI/NFPA 257-2022, Standard on Fire Test for Window and Glass Block Assemblies

ANSI/NFPA 260-2024, Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture


ANSI/NFPA 2113-2025, Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire

ANSI/NFPA 22-2023, Standard for Water Tanks for Private Fire Protection

ANSI/NFPA 221-2024, Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls

ANSI/NFPA 24-2025, Standard for the Installation of Private Fire Service Mains and Their Appurtenances


ANSI/NFPA 2500-2022, Standards for Operations and Training for Technical Search and Rescue Incidents and Life Safety Rope and Equipment for Emergency Services


ANSI/NFPA 261-2023, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes


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

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


ANSI/NFPA 99B-2024, Standard for Hypobaric Facilities


ANSI/NFRC 100-2023 (E0A0), Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2020 E0A2) Public Review: May 5, 2023 | Final Action: Jun 29, 2023 Approved


ANSI/NFRC 203-2023 (E0A0), Procedure for Determining Translucent Fenestration Product Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 203-2020 [E0A1]) Public Review: Dec 1, 2023 | Final Action: Jan 29, 2024 Approved


ANSI/NFRC 400-2023 E0A0, Procedure for Determining Fenestration Product Air Leakage (revision of ANSI/NFRC 400-2023 E0A0) Public Review: Dec 1, 2023 | Final Action: Jan 29, 2024 Approved


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

- ANSI/NFRC 500-2023 E0A0, Procedure for Determining Fenestration Product Condensation Index Ratings (revision of ANSI/NFRC 500-2020 (E0A1)) Public Review: May 5, 2023 | Final Action: Jun 29, 2023 Approved

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


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


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

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


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


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


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


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

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

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ANSI/NSF 177-2020 (i88r2), NSF 173 Dietary Supplements

ANSI/NSF 177-2020 (i90r2), NSF 173 Dietary Supplements

ANSI/NSF 173-2021 (i93r1), Dietary Supplements

ANSI/NSF 173-2022 (i101r1), Dietary Supplements

ANSI/NSF 173-2022 (i95r2), Dietary Supplements

ANSI/NSF 173-2022 (i98r2), Dietary Supplements

ANSI/NSF 173-2023 (i102r1), Dietary Supplements

ANSI/NSF 173-2023 (i108r1), Dietary Supplements

ANSI/NSF 173-2024 (i104r1), Dietary Supplements

ANSI/NSF 173-2024 (i110r3) Addendum, Dietary Supplements


ANSI/NSF 177-2020 (i89r1), NSF 177 Dietary Supplements

ANSI/NSF 173-2021 (i82r4), Dietary Supplements

ANSI/NSF 173-2021 (i94r1), Dietary Supplements

ANSI/NSF 173-2022 (i103r1), Dietary Supplements

ANSI/NSF 173-2022 (i92r2), Dietary Supplements

ANSI/NSF 173-2022 (i97r1), Dietary Supplements

ANSI/NSF 173-2022 (i99r1), Dietary Supplements

ANSI/NSF 173-2023 (i106r1), Dietary Supplements

ANSI/NSF 173-2023 (i66r1), Dietary Supplements

ANSI/NSF 173-2024 (i105r1) Addendum, Dietary Supplements

ANSI/NSF 173-2024 (i114r1), Dietary Supplements


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 244-2021 (i7r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2020) Public Review: Jul 2, 2021 | Final Action: Aug 16, 2021 Approved


ANSI/NSF 244-2018 (i1r15), Supplemental Microbiological Water Treatment Systems - Filtration (new standard) PINS: Aug 1, 2003 | Public Review: Mar 9, 2018 | Final Action: Apr 23, 2018 Approved

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


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


ANSI/NSF 244-2022 (i20r2), Supplemental Microbiological Water Treatment Systems -Filtration (revision of ANSI/NSF 244-2021) Public Review: Oct 14, 2022 | Final Action: Nov 15, 2022 Approved

ANSI/NSF 244-2023 (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 244-2022 (i15r2), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2021) Public Review: Mar 25, 2022 | Final Action: May 9, 2022 Approved


ANSI/NSF 244-2022 (i21r1), Supplemental Microbiological Water Treatment Systems -Filtration (revision of ANSI/NSF 244-2021) Public Review: Oct 7, 2022 | Final Action: Nov 7, 2022 Approved

ANSI/NSF 244-2024 (i22r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2022) Public Review: Dec 15, 2023 | Final Action: Jan 30, 2024 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 3-2024 (i2r3), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2021) Public Review: May 3, 2024 | Final Action: Jun 18, 2024 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 350-2018 (i25r1), NSF/ANSI 350: Onsite residential and commercial water reuse treatment systems (revision of BSR/NSF 350-201x (i25r1)) Public Review: Dec 8, 2017 | Final Action: Jan 5, 2018 Approved


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

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ANSI/NSF 37-2024 (i11r1), Air Curtains for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2020) Public Review: May 17, 2024 | Final Action: Jun 17, 2024 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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ANSI/NSF 4-2024 (i36r1), Commercial Cooking
Rethermalization, and Powered Hot Food Holding
Transportation Equipment (revision of ANSI/NSF 4-2020)

ANSI/NSF 4-2024 (i36r1), Commercial Cooking,
Rethermalization, and Powered Hot Food Holding and
Transportation Equipment (revision of ANSI/NSF 4-2020)
Public Review: Nov 17, 2023 | Final Action: Feb 7, 2024 Approved

ANSI/NSF 40-2018 (i29r1), NSF/ANSI 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2009 (i19))

ANSI/NSF 40-2019 (i32r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)
Public Review: Apr 19, 2019 | Final Action: May 29, 2019 Approved


ANSI/NSF 40-2020 (i41r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

ANSI/NSF 40-2022 (i42r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
Public Review: Feb 25, 2022 | Final Action: Mar 29, 2022 Approved

ANSI/NSF 40-2022 (i44r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
Public Review: Jul 15, 2022 | Final Action: Sep 6, 2022 Approved

ANSI/NSF 40-2022 (i46r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
Public Review: Jun 17, 2022 | Final Action: Aug 26, 2022 Approved

ANSI/NSF 40-2022 (i48r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)
Public Review: Jun 10, 2022 | Final Action: Aug 29, 2022 Approved

ANSI/NSF 40-2022 (i52r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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 401-2024 (i34r2), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022) Public Review: Jan 26, 2024 | Final Action: Mar 12, 2024 Approved

ANSI/NSF 401-2024 (i37r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022) Public Review: Dec 15, 2023 | Final Action: Jan 30, 2024 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 (i33r2), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022) Public Review: Jan 19, 2024 | Final Action: Apr 19, 2024 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 401-2024 (i38r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022) Public Review: Feb 23, 2024 | Final Action: Apr 9, 2024 Approved


Approved American National Standards

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


- ANSI/NSF 418-2024 (i4r1), Effluent Filters - Field Longevity Testing (revision of ANSI/NSF 418-2014 (r2019)) Public Review: Dec 1, 2023 | Final Action: Jan 4, 2024 Approved


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ANSI/NSF 42-2024 (i3r), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2022) Public Review: Jan 26, 2024 | Final Action: Mar 12, 2024 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

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


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

ANSI/NSF 455-3-2024 (i40r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2022) Public Review: Apr 26, 2024 | Final Action: Jun 14, 2024 Approved


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


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

ANSI/NSF 455-4-2022 (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

ANSI/NSF 455-4-2024 (i45r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2022) Public Review: Feb 16, 2024 | Final Action: May 28, 2024 Approved

ANSI/NSF 455-4-2024 (i47r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2022) Public Review: May 24, 2024 | Final Action: Jun 29, 2024 Approved

ANSI/NSF 455-4-2024 (i49r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2022) Public Review: May 17, 2024 | Final Action: Jun 21, 2024 Approved


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

ANSI/NSF 455-4-2024 (i44r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2022) Public Review: Feb 16, 2024 | Final Action: May 23, 2024 Approved

ANSI/NSF 455-4-2024 (i46r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2022) Public Review: Feb 9, 2024 | Final Action: Apr 4, 2024 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


Approved American National Standards


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


Approved American National Standards


789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | w: www.nsf.org
ANSI/NSF 50-2017 (i125r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2017 (i128r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2017 (i131r1), NSF/ANSI 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2018 (i126r1), NSF/ANSI 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2018 (i133r1), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2018 (i135r1), NSF/ANSI 50-2016 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2018 (i136r1), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2019 (i138r5), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities

ANSI/NSF 50-2019 (i145r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities

ANSI/NSF 50-2019 (i147r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities

ANSI/NSF 50-2017 (i125r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2017 (i129r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2018 (i111r2), NSF/ANSI 50 - Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities
(revision of ANSI/NSF 50-2016) Public Review: Jan 26, 2018 | Final Action: Feb 26, 2018 Approved


ANSI/NSF 50-2018 (i134r1), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2018 (i135r2), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities
(revision of ANSI/NSF 50-2016) Public Review: Feb 9, 2018 | Final Action: Mar 11, 2018 Approved

ANSI/NSF 50-2018 (i137r1), NSF 50-2018 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

ANSI/NSF 50-2019 (i143r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities

ANSI/NSF 50-2019 (i146r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities

ANSI/NSF 50-2019 (i148r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities


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


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


ANSI/NSF 60-2016 (i70r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015) Public Review: Apr 1, 2016 | Final Action: May 1, 2016 Approved

ANSI/NSF 60-2016 (i76r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2016) Public Review: Mar 24, 2017 | Final Action: Apr 26, 2017 Approved


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

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


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


ANSI/NSF 7-2016 (i13r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014) Public Review: Nov 13, 2015 | Final Action: May 4, 2016 Approved

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


ANSI/NSF/CAN 60-2024 (i100r1), Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2021) Public Review: Mar 8, 2024 | Final Action: May 2, 2024 Approved


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


OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)
75 Barret Drive, #1190, Webster, NY 14580 | w: www.OEOSC.org


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OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)
75 Barett Drive, #1190, Webster, NY 14580 | w: www.OEOSC.org


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


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


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

- ANSI/OPEI B175.5-2021, (Standard) for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Edger - Safety and Environmental Requirements (new standard) PINS: Feb 22, 2013 | Final Action: Jul 2, 2021
- Approved
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- ANSI/OPEI B175.5-2021, (Standard) for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Edger - Safety and Environmental Requirements (new standard) PINS: Feb 22, 2013 | Final Action: Sep 24, 2021
- Approved
- Approved
- Approved
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- Approved
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- Approved
PCI (Precast/Prestressed Concrete Institute)
8770 W. Bryn Mawr Ave., Suite 1150, Chicago, Illinois  60631 | w: www.pci.org

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

  Approved

  Approved

PEARL (Professional Electrical Apparatus Reconditioning League)
529 14th Street NW, Suite 1280, Washington, DC  20045 | w: www.pearl1.org

  Approved

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

  Approved

PHTA (Pool and Hot Tub Alliance)
1650 King Street, Suite 602, Alexandria, VA  22314 | w: www.PHTA.org

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PHTA (Pool and Hot Tub Alliance)
1650 King Street, Suite 602, Alexandria, VA  22314 | w: www.PHTA.org


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


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

- ANSI/PLASTICS B151.32-2024, Safety Requirements for Flat Cast Film and Cast Embossed Film Extrusion Machines (new standard) PINS: May 12, 2023 | Public Review: Jan 26, 2024 | Final Action: May 20, 2024 Approved
- ANSI/PLASTICS B151.7-2013 (R2021), Safety Requirements for Extrusion Machines (reaffirmation and redesignation of ANSI/SPI B151.7-2013) PINS: Jan 18, 2019 | Public Review: Mar 5, 2021 | Final Action: Sep 24, 2021 Approved

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


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.psa.org

PINS: Dec 13, 2013 | Public Review: Jan 29, 2016 | Final Action: May 19, 2016 Approved

- ANSI/PSAI Z4.4-2016, Sanitation in Fields and Temporary Labor Camps: Minimum Requirements (new standard)
PINS: Dec 13, 2013 | Public Review: Jan 29, 2016 | Final Action: May 19, 2016 Approved

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)
2001 K Street, NW, 3rd Floor North, Washington, DC 20006 | w: www.resna.org


- ANSI/RESNA AT-1 Section 3-2024, RESNA Standard for Assistive Technology for Air Travel – Volume 1 Section 3 – Handling Procedures for Mobility Devices to be Stowed and Transported in Commercial Aircraft (new standard) PINS: Oct 6, 2017 | Public Review: Nov 24, 2023 | Final Action: Jun 24, 2024 Approved


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

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RIC (Remanufacturing Industries Council)

150 Lucius Gordon Drive, Suite 127, West Henrietta, NY 14586 | w: www.remanycouncil.org


ROHVA (Recreational Off-Highway Vehicle Association)

2 Jenner Street, Suite 150, Irvine, CA 92618


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


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


SCTE (Society of Cable Telecommunications Engineers)

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


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

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


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


- ANSI A250.4-2024, Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2022) PINS: Apr 12, 2024 | Public Review: May 31, 2024 | Final Action: Jul 8, 2024 Approved


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


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


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


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


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


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


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


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

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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


SVIA (Specialty Vehicle Institute of America)

2 Jenner, Suite 150, Irvine, CA 92618


TAPPI (Technical Association of the Pulp and Paper Industry)

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


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


- ANSI/TAPPI T 1214 sp-2022, Interrelation of reflectance, R; reflectivity, R; TAPPI opacity, CO.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 1016 sp-2010 (R2020), Unit of measurement and conversion factors (reaffirmation of ANSI/TAPPI T 1210 sp-2014) PINS: Apr 21, 2023 | Public Review: Mar 22, 2024 | Final Action: May 29, 2024 Approved


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


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


ANSI/TAPPI T 453 om-2014 (R2024), Effect of dry heat on properties of paper and board (reaffirmation of ANSI/TAPPI T 453 sp-2013 (R2020)) PINS: Mar 22, 2024 | Final Action: May 29, 2024 Approved


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


ANSI/TAPPI T 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


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

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


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

- ANSI/TAPPI T 821 om-2012 (R2022), Pin adhesion of corrugated board by selective separation (new standard)

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

ANSI A300-2023, A300 Tree Care Standards  

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

ANSI A108.01-2023, General Requirements: Structures, Substrates, and Preparation for Tile  

ANSI A108.10-2017 (R2022), Installation of Grout in Tilework  

ANSI A108.12-2023, Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Modified Dry-Set Mortar  

ANSI A108.14-2021, Installation of Paper-Faced Glass Mosaic Tile  

ANSI A108.16-2020 (R2024), Installation of Paper-Faced, Back-Mounted, or Clear Film Face-Mounted Glass Mosaic Tile  
(reaffirmation of ANSI A108.16-2020) Public Review: May 17, 2024 | Final Action: Jul 8, 2024 Approved

ANSI A108.18-2021, Unmounted Glass Tile Installation  

ANSI A108.1A-2023, Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar  


ANSI A118.12 (R2024), Standard Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation (reaffirmation of ANSI A118.12-2014 (R2019)) Public Review: May 17, 2024 | Final Action: Jul 8, 2024 Approved


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

ANSI A118.8 (R2024), Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (reaffirmation of ANSI A108.8-1999 (R2019)) Public Review: May 17, 2024 | Final Action: Jul 8, 2024 Approved


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


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


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


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ANSI/TIA 526.2-2021, Fibre-optic Communication
Subsystem Test Procedures - Part 4-5: Installed Cabling Plant - Attenuation measurement of MPO Terminated Fibre-optic Cabling Plant Using Test Equipment with MPO Interfaces (identical national adoption of IEC 61280-4-5)


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- ANSI/TIA 622.4-2023, IEC 61755-2-4 - Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications (identical national adoption of IEC 61755-2-4) PINS: Apr 8, 2022 | Public Review: May 20, 2022 | Final Action: May 24, 2023 Approved


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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


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


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TVC (ASC Z80) (The Vision Council)
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- ANSI Z80.11-2012 (R2022), Laser Systems for Corneal Reshaping (reaffirmation of ANSI Z80.11-2012 (R2017))
  - Approved

  - Approved

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

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

- ANSI Z80.27-2014 (R2019), Implantable Glaucoma Devices (reaffirmation of ANSI Z80.27-2014)
  - Public Review: Oct 4, 2019 | Final Action: Dec 9, 2019
  - Approved

  - Approved

- 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

  - Approved

- ANSI Z80.7-2013 (R2023), Ophthalmic Optics - Intraocular Lenses (reaffirmation of ANSI Z80.7-2013 (R2018))
  - Public Review: Oct 20, 2023 | Final Action: Dec 14, 2023
  - Approved

- ANSI/ISO 12870-2016, Spectacle Frames-Requirements and Test Methods (identical national adoption of ISO 12870)
  - Approved

- ANSI Z80.12-2007 (R2022), Multifocal Intraocular Lenses (reaffirmation of ANSI Z80.12-2007 (R2017))
  - Approved

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

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

  - Approved

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

- ANSI Z80.3-2018 (R2023), Ophthalmics - Nonprescription Sunglass And Fashion Eyewear Requirements (reaffirmation of ANSI Z80.3-2018)
  - Approved

  - Approved

- ANSI Z80.36-2021, Light Hazard Protection for Ophthalmic Instruments (revision of ANSI Z80.36-2016)
  - PINS: Mar 13, 2020 | Public Review: Apr 9, 2021
  - Approved

  - Approved

- ANSI Z80.9-2020, Devices for Low Vision (revision of ANSI Z80.9-2010 (R2015))
  - Approved

- ANSI/ISO 7998-2016, Spectacle Frames- Lists of Equivalent Terms and Vocabulary (identical national adoption of ISO 7998)
  - Approved

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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 B7.4-1992 (R2019), Procedure for Bulk Density of Abrasive Grains (reaffirmation of ANSI B7.4-1992 (R2013))

ANSI B74.4-2016, Specification for Abrasive Materials for Blasting (new standard)

ANSI B74.22-1991 (R2014), Design Test for Type 27 Portable Grinding Wheels (reaffirmation of ANSI B74.22-1991 (R2007))

ANSI B74.24-2004 (R2016), Specification for Diamond and CBN Powders in Sub-Sieve Sizes (reaffirmation of ANSI B74.20-2004 (R2010))

ANSI B74.18-2018, Grading of Certain Abrasive Grain on Coated Abrasive Material (revision of ANSI B74.18-2016)

Public Review: Sep 13, 2019 | Final Action: Jan 6, 2020 Approved

ANSI B74.12-2018, Specifications for the Size of Abrasive Grain-Grining Wheels, Polishing and General Industrial Uses (revision of ANSI B74.12-2012)
PINS: Oct 30, 2018 | Final Action: Jul 20, 2018 Approved

ANSI B74.10-2015, Specification for Grading of Abrasive Grain (revision of ANSI B74.10-2010)

ANSI B74.16-2002 (R2014), Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain (reaffirmation of ANSI B74.16-2002 (R2007))

ANSI B74.19-2016, Test for Determining the Magnetic Content of Abrasive Grains (revision of ANSI B74.19-2002 (R2007))

ANSI B74.21-2002 (R2014), Fatigue Proof Test Procedure for Vitrified Wheels (reaffirmation of ANSI B74.21-2002 (R2007))


ANSI B74.18-2018, Grading of Certain Abrasive Grain on Coated Abrasive Material (revision of ANSI B74.18-2016)


ANSI B74.14-2016, Specification for Abrasive Materials for Blasting

ANSI B74.11-2020, Specifications for Random Shaped Tumbling Chip Abrasives (revision of ANSI B74.11-2014)

ANSI B74.15-2018, Grading of Abrasive Grain on Coated Abrasive Material (new standard)

ANSI B74.17-2016, Markings for Identifying Grinding Wheels and Other Bonded Abrasives (revision of ANSI B74.17-2010)

ANSI B74.16-2002, Specification for Abrasive Materials for Blasting

ANSI B74.19-2016, Test for Determining the Magnetic Content of Abrasive Grains (revision of ANSI B74.19-2002 (R2007))


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


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


UL 1090-2020, Standard for Safety for Electric Snow Movers


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


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

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


UL 1426-2010 (R2024), Standard for Safety for Electrical Cables for Boats (reaffirmation of ANSI/UL 1426-2010 (R2020)) Public Review: May 10, 2024 | Final Action: Jun 26, 2024 Approved

UL 142A-2018a, Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (new standard) PINS: Dec 6, 2018 | Final Action: May 24, 2018 Approved


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

- UL 1618-2018 (R2024), Wall Protectors, Floor Protectors, and Hearth Extensions (reaffirmation of ANSI/UL 1618-2009 (R2018)) Public Review: Feb 9, 2024 | Final Action: Apr 2, 2024 Approved
UL 1640-2016a, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016) 
Public Review: May 27, 2016 | Final Action: Nov 14, 2016 Approved

UL 1640-2020, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016) 
Public Review: Apr 17, 2020 | Final Action: May 29, 2020 Approved

Public Review: Sep 13, 2019 | Final Action: May 20, 2020 Approved

Public Review: Oct 14, 2016 | Final Action: Nov 18, 2016 Approved

UL 1647-2018a, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2018) 
Public Review: Jun 15, 2018 | Final Action: Jul 26, 2018 Approved

Public Review: Jun 21, 2019 | Final Action: Dec 4, 2019 Approved

Public Review: Jan 29, 2016 | Final Action: Apr 1, 2016 Approved

UL 1651-2020, Standard for Safety for Optical Fiber Cable (revision of ANSI/UL 1651-2018) 

UL 1653-2019, Standard Safety for Electrical Nonmetallic Tubing (revision of ANSI/UL 1653-2014) 
Public Review: May 11, 2018 | Final Action: Feb 15, 2019 Approved

UL 1655-2009a (R2020), Standard for Community-Antenna Television Cables (reaffirmation of ANSI/UL 1655-2009a (R2014)) 
Public Review: Nov 1, 2019 | Final Action: Mar 11, 2020 Approved

UL 1660-2024, Standard for Safety for Liquid-Tight Flexible Nonmetallic Conduit (revision of ANSI/UL 1660-2023) 
Public Review: Nov 10, 2023 | Final Action: May 23, 2024 Approved

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

UL 1640-2016b, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016) 
Public Review: Aug 19, 2016 | Final Action: Nov 14, 2016 Approved

UL 1640-2021, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2020) 
Public Review: May 7, 2021 | Final Action: Jul 14, 2021 Approved

UL 1647-2016, Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2015) 
Public Review: Sep 30, 2016 | Final Action: Nov 18, 2016 Approved

Public Review: Aug 11, 2017 | Final Action: May 18, 2018 Approved

UL 1647-2018b, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2016) 
Public Review: Feb 23, 2018 | Final Action: May 18, 2018 Approved

UL 1647-2020, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2014) 
Public Review: May 29, 2020 | Final Action: Jul 21, 2020 Approved

UL 1650-2019 (R2023), Standard for Portable Power Cable (reaffirmation of ANSI/UL 1650-2019) 
Public Review: Jun 9, 2023 | Final Action: Sep 7, 2023 Approved

UL 1651-2023, Standard for Safety for Optical Fiber Cable (revision of ANSI/UL 1651-2008 (R2013)) 
Public Review: Mar 3, 2023 | Final Action: Apr 13, 2023 Approved

UL 1653-2022, Electrical Nonmetallic Tubing (revision of ANSI/UL 1653-2019) 

Public Review: Jan 13, 2023 | Final Action: Mar 13, 2023 Approved

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

UL 1678-2019, Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment (revision of ANSI/UL 1678-2017) 
Public Review: Nov 30, 2018 | Final Action: Jun 18, 2019 Approved


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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 209-2016 (R2024), Standard for Cellular Metal Floor Raceways and Fittings (reaffirmation of ANSI/UL 209-2016 (R2020)) Public Review: Mar 1, 2024 | Final Action: Apr 18, 2024 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


Public Review: Oct 14, 2022 | Final Action: Nov 29, 2022  
Approved

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Approved

Public Review: Dec 20, 2019 | Final Action: Feb 6, 2020  
Approved

UL 2225-2022, Standard for Safety for Cables and Cable-Fittings For Use In Hazardous (Classified) Locations (revision of ANSI/UL 2225-2020)  
Public Review: Feb 25, 2022 | Final Action: Apr 11, 2022  
Approved

Public Review: Jul 26, 2019 | Final Action: Nov 12, 2019  
Approved

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UL 2237-2023, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (revision of ANSI/UL 2237-2021)  
Public Review: Jun 23, 2023 | Final Action: Aug 11, 2023  
Approved

UL 2238-2020, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2019)  
Approved

UL 2238-2021a, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2021)  
Approved

Public Review: Apr 12, 2024 | Final Action: May 28, 2024  
Approved

Public Review: Feb 1, 2019 | Final Action: May 23, 2019  
Approved

UL 2225-2020a, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2020)  
Approved

UL 2225-2024, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2022)  
Public Review: Nov 10, 2023 | Final Action: Feb 15, 2024  
Approved

UL 2231-1-2016 (R2021), Standard For Safety For Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements (reaffirmation of ANSI/UL 2231-1 -2016)  
Public Review: Jul 2, 2021 | Final Action: Sep 16, 2021  
Approved

Approved

UL 2237-2019, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (new standard)  
Approved

UL 2237-2021, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (revision of ANSI/UL 2237-2019)  
Public Review: Oct 2, 2020 | Final Action: Jan 8, 2021  
Approved

UL 2238-2019, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2018)  
Approved

UL 2238-2021, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2020)  
Public Review: Jan 29, 2021 | Final Action: Mar 22, 2021  
Approved

UL 2238-2022, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2021)  
Public Review: Mar 11, 2022 | Final Action: Apr 20, 2022  
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UL 2238-2024a, Cable Assemblies and Fittings for Industrial Control and Signal (revision of ANSI/UL 2238-2024) Public Review: Feb 9, 2024 | Final Action: Mar 12, 2024 Approved


UL 2420-2021, Standard for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2420-2014 (R2016)) Public Review: Dec 18, 2020 | Final Action: Apr 30, 2021 Approved

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


UL 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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- UL 385-2020, Standard for Play Pipes for Water Supply
  Testing in Fire Protection Service (revision of ANSI/UL 385-2006 (R2015))
  Public Review: Mar 6, 2020 | Final Action: Jun 5, 2020 Approved

- UL 399-2020, Standard for Safety for Drinking-Water Coolers
  (revision of ANSI/UL 399-2017)
  Public Review: May 29, 2020 | Final Action: Jul 21, 2020 Approved

- UL 399-2024, Standard for Safety for Drinking Water Coolers
  (revision of ANSI/UL 399-2023)
  Public Review: Jan 19, 2024 | Final Action: Feb 28, 2024 Approved

- UL 4-2023, Standard for Safety for Products
  Incorporating Button Batteries or Coin Cell Batteries
  (revision of ANSI/UL 4-2018)
  Public Review: Mar 17, 2021 Approved

- 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 405-2018, Standard for Safety for Fire Department Connection Devices
  (revision of ANSI/UL 405-2014)
  Public Review: Oct 26, 2018 | Final Action: Dec 17, 2018 Approved

- UL 407-2022, Standard for Safety for Manifolds for Compressed Gases
  (revision of ANSI/UL 407-2004 (R2017))
  Public Review: Jul 1, 2022 | Final Action: Dec 14, 2022 Approved

- UL 412-2018, Standard for Refrigeration Unit Coolers
  (revision of ANSI/UL 412-2017)
  Public Review: Jun 22, 2018 | Final Action: Aug 28, 2018 Approved

- UL 414-2020a, Standard for Safety for Meter Sockets
  (revision of ANSI/UL 414-2020)

- UL 414-2022, Standard for Safety for Meter Sockets
  (revision of ANSI/UL 414-2020)
  Public Review: Mar 4, 2022 | Final Action: Jun 22, 2022 Approved

- UL 414-2024, Standard for Meter Sockets
  (revision of ANSI/UL 414-2023)
  Public Review: Oct 13, 2023 | Final Action: Mar 1, 2024 Approved

- UL 4200A-2020, Standard for Safety for Products
  Incorporating Button or Coin Cell Batteries of Lithium Technologies
  (revision of ANSI/UL 4200A-2015)
  Public Review: Feb 14, 2020 | Final Action: Apr 9, 2020 Approved

- UL 4200A-2023, UL Standard for Safety for Products
  Incorporating Button Batteries or Coin Cell Batteries
  (revision of ANSI/UL 4200A-2021)
  Public Review: Jul 7, 2023 | Final Action: Aug 15, 2023 Approved

- UL 391-2006 (R2019), Standard for Safety for Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces
  (reaffirmation of ANSI/UL 391-2006 (R2014))

- UL 399-2023, Standard for Safety for Drinking-Water Coolers
  (revision of ANSI/UL 399-2020)
  Public Review: Apr 14, 2023 | Final Action: Jul 20, 2023 Approved

- UL 4-2018, Standard for Safety for Armored Cable
  (revision of ANSI/UL 4-2008 (R2013))
  Public Review: Jan 5, 2018 | Final Action: Feb 23, 2018 Approved

- UL 401-2022, Standard for Portable Spray Hose Nozzles for Fire-Protection Service
  (revision of ANSI/UL 401-2017)
  Public Review: Nov 5, 2021 | Final Action: Jan 6, 2022 Approved

- UL 404-2022, Standard for Safety for Pressure-Indicating Gauges for Compressed Gas Service
  (revision of ANSI/UL 404-2015)
  Public Review: Apr 29, 2022 | Final Action: Oct 21, 2022 Approved

- UL 405-2020, Standard for Safety for Fire Department Connection Devices (revision of ANSI/UL 405-2018)

- UL 412-2017, Standard for Refrigeration Unit Coolers
  (revision of ANSI/UL 412-2012)
  Public Review: Oct 28, 2016 | Final Action: Jan 9, 2017 Approved

- UL 414-2020, Standard for Safety for Meter Sockets
  (revision of ANSI/UL 414-2018)

- UL 414-2020b, Standard for Safety for Meter Sockets
  (revision of ANSI/UL 414-2020)

- UL 414-2023, Standard for Safety for Meter Sockets
  (revision of ANSI/UL 414-2022)
  Public Review: Apr 7, 2023 | Final Action: Jul 12, 2023 Approved

- UL 4143-2018 (R2024), Standard for Safety for Wind Turbine Generator - Life Time Extension (LTE)
  (reaffirmation of ANSI/UL 4143-2018)
  Public Review: Jan 12, 2024 | Final Action: Mar 12, 2024 Approved

- UL 4200A-2021, Standard for Safety for Products
  Incorporating Button or Coin Cell Batteries of Lithium Technologies
  (revision of ANSI/UL 4200A-2020)
  Public Review: May 7, 2021 | Final Action: Jun 14, 2021 Approved

- UL 4200A-2023a, UL Standard for Safety for Products
  Incorporating Button Batteries or Coin Cell Batteries
  (revision of ANSI/UL 4200A-2021)
  Public Review: Jul 7, 2023 | Final Action: Aug 30, 2023 Approved

UL 428-11-2007 (R2023), Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse (reaffirmation of ANSI/UL 428-11-2007 (R2018)) Public Review: Apr 21, 2023 | Final Action: Jun 8, 2023 Approved


UL 428-4-2024, Fuseholders - Part 4: Class CC (revision of ANSI/UL 428-4-2007 (R2023)) Public Review: Jul 7, 2023 | Final Action: Jun 14, 2024 Approved


UL 448A-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 484-2018, Standard for Room Air Conditioners (revision of ANSI/UL 484-2016) Public Review: Jul 20, 2018 | Final Action: Sep 6, 2018 Approved


UL 499C-2004 (R2022), Standard for Protectors for Coaxial Communications Circuits (reaffirmation of ANSI/UL 497C-2004 (R2017)) Public Review: Dec 17, 2021 | Final Action: Feb 7, 2022 Approved


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


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


UL 5B-2014 (R2024), Standard for Strut-Type Channel Raceways and Fittings (reaffirmation of ANSI/UL 5B-2014) Public Review: Dec 15, 2023 | Final Action: Jan 30, 2024 Approved

UL 5C-2016 (R2024), Standard for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits (reaffirmation of ANSI/UL 5C-2016 (R2020)) Public Review: Mar 1, 2024 | Final Action: Apr 18, 2024 Approved


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UL 60730-2-3-2023, Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps (revision of ANSI/UL 60730-2-3-2013 (R2022)) Public Review: May 5, 2023 | Final Action: Aug 31, 2023 Approved


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

Public Review: May 13, 2022 | Final Action: Jul 5, 2022 Approved

Public Review: Sep 7, 2018 | Final Action: Nov 7, 2018 Approved

Public Review: Feb 22, 2019 | Final Action: Apr 30, 2019 Approved

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

Public Review: Sep 10, 2021 | Final Action: May 31, 2022 Approved

UL 60947-4-1-2022, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters (national adoption of IEC 60947-4-1 with modifications and revision of ANSI/UL 60947-4-1-2017)
Public Review: Sep 10, 2021 | Final Action: May 31, 2022 Approved

UL 60947-5-1-2022, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 5-1: Control Circuit Devices and Switching Elements - Electromechanical Control Circuit Devices (national adoption of IEC 60947-5-1 with modifications and revision of ANSI/UL 60947-5-1-2014)

UL 60745-2-4-2009 (R2023), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (reaffirmation of ANSI/UL 60745-2-4-2009 (R2018))
Public Review: Aug 11, 2023 | Final Action: Sep 28, 2023 Approved

UL 60745-2-6-2009 (R2023), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular Requirements for Hammers (reaffirmation of ANSI/UL 60745-2-6-2009 (R2018))
Public Review: Sep 8, 2023 | Final Action: Oct 25, 2023 Approved


Public Review: Feb 2, 2024 | Final Action: Mar 20, 2024 Approved

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

UL 60947-4-1-2017, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters (national adoption of IEC 60947-4-1 with modifications and revision of ANSI/UL 60947-4-1-2014)

UL 60947-4-2-2017, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and Motor-Starters - AC Semiconductor Motor Controllers and Starters (national adoption of IEC 60947-4-2 with modifications and revision of ANSI/UL 60947-4-2-2014)
Public Review: Sep 10, 2021 | Final Action: May 31, 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: Jul 18, 2022 Final Action: Jul 18, 2022 Approved


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


UL 61215-1-3-2023, Terrestrial Photovoltaic (PV) Modules – Design Qualification and Type Approval – Part 1-3: Special Requirements for Testing of Thin-Film Amorphous Silicon Based Photovoltaic (PV) Modules (identical national adoption of IEC 61215-1-3 and revision of ANSI/UL 61215-1-3-2021) Public Review: Sep 15, 2023 | Final Action: Oct 19, 2023 Approved


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

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


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


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


UL 62841-4-3-2023, UL Standard for Electric Motor-Operated Hand-held Tools, Transporrtable Tools And Lawn And Garden Machinery – Safety – Part 4-3: Particular Requirements For Pedestrian Controlled Walk-Behind Lawnmowers (national adoption with modifications of IEC 62841-4-3) 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 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 SE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: https://ulse.org/

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


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


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UL 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


UL 763-2021, Standard for Safety for Power-Operated


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


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


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

- UL 867-2023, Standard for Safety for Electrostatic Air Cleaners (revision of ANSI/UL 867-2021) Public Review: May 19, 2023 | Final Action: Jul 6, 2024 Approved


UL 884-2016 (R2024), Standard for Underfloor Raceways and Fittings (reaffirmation of ANSI/UL 884-2016 (R2020)) Public Review: Mar 1, 2024 | Final Action: Apr 18, 2024 Approved


UL 900-2012, Standard for Safety for Air Filter Units
   Approved

UL 913-2022, Standard for Safety for Intrinsically Safe
   Apparatus and Associated Apparatus for Use in Class I, II,
   and III, Division 1, Hazardous (Classified) Locations
   | Final Action: May 10, 2022 Approved

UL 920002-2017 (R2021), Standard for Safety for Installation,
   Operation, and Maintenance of Toxic Gas-Detection Instruments
   Approved

UL 924-2022, Standard for Safety for Emergency Lighting and
   Approved

UL 921-2017, Standard for Safety for Commercial
   Approved

UL 923-2020, Standard for Safety for Microwave Cooking

UL 94-2021a, Standard for Safety for Tests for Flammability of
   Plastic Materials for Parts in Devices and Appliances
   (revision of ANSI/UL 94-2020) Public Review: Jan 22, 2021
   | Final Action: May 6, 2021 Approved

UL 94-2022a, Standard for Safety for Tests for Flammability of
   Plastic Materials for Parts in Devices and Appliances
   | Final Action: Apr 1, 2022 Approved

UL 907-2006 (R2019), Standard for Safety for Fireplace
   Accessories (reaffirmation of ANSI/UL 907-2006 (R2014))
   Public Review: Jun 28, 2019 | Final Action: Aug 19, 2019
   Approved

UL 92000-2011 (R2021), Standard for Safety for Performance Requirements for Toxic Gas Detectors
   Approved

UL 921-2016, Standard for Safety for Commercial

UL 921-2020, Standard for Safety for Commercial
   Approved

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

UL 924-2022, Standard for Safety for Emergency Lighting and
   Approved

UL 94-2020, Standard for Safety for Tests for Flammability of
   Plastic Materials for Parts in Devices and Appliances
   | Final Action: Jun 11, 2020 Approved

UL 94-2021, Standard for Safety for Tests for Flammability of
   Plastic Materials for Parts in Devices and Appliances
   (revision of ANSI/UL 94-2020) Public Review: Jan 8, 2021
   | Final Action: Mar 22, 2021 Approved

UL 94-2022, Standard for Safety for Tests for Flammability of
   Plastic Materials for Parts in Devices and Appliances
   (revision of ANSI/UL 94-2021) Public Review: Feb 4, 2022
   | Final Action: Mar 11, 2022 Approved

UL 94-2023, Standard for Tests for Flammability of Plastic
   Materials for Parts in Devices and Appliances (revision of

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

- UL 959-2021 (R2024), Medium Heat Appliance Factory-Built Chimneys (reaffirmation of ANSI/UL 959-2006 (R2019)) Final Action: Apr 3, 2024 Approved
- UL 9595-2024, Standard for Factory Follow-Up Services for Personal Flotation Devices (revision of ANSI/UL 9595 -2023) Final Action: Mar 18, 2024 Approved
- UL 96-2023, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-2020) Final Action: May 9, 2023 Approved
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UL SE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: https://ulse.org/


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


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USEMCSC (United States EMC Standards Corp.)


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


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

- ANSI C63.25.2-2024, Standard for Validation Methods for Radiated Emission Test Sites 30 MHz to 1 GHz (new standard) PINS: May 24, 2019 | Public Review: Dec 15, 2023 | Final Action: Apr 8, 2024 Approved

USTMA (U.S. Tire Manufacturers Association)
1400 K Street, NW, #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

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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

- ANSI/VITA 65.0-2023, OpenVPX System Standard (revision of ANSI/VITA 65.0-2021) PINS: Feb 18, 2022 | Final Action: Jun 5, 2023 Approved
- ANSI/VITA 67.3-2023, Coaxial Interconnect on VPX, Spring-Loaded Contact on Backplane (revision of ANSI/VITA 67.3-2022) PINS: Feb 17, 2023 | Public Review: Dec 1, 2023 | Final Action: Feb 13, 2024 Approved


- 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