ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 W43RD STREET NY, NY 10036

VOL. 56, NO. 44 OCTOBER 31, 2025

CONTENTS

ISSN 0038-9633

Project Initiation Notification System (PINS)

Section 2.5.1 of the *ANSI Essential Requirements* (www.ansi.org/essentialrequirements) describes the Project Initiation Notification System (PINS) and includes requirements associated with a PINS Deliberation. Following is a list of PINS notices submitted for publication in this issue of ANSI Standards Action by ANSI-Accredited Standards Developers (ASDs). Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for information about American National Standards (ANS) maintained under the continuous maintenance option, as a PINS to initiate a revision of such standards is not required. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS. Directly and materially interested parties wishing to receive more information or to submit comments are to contact the sponsoring ANSI-Accredited Standards Developer directly **within 30 calendar days** of the publication of this PINS announcement.

ABYC (American Boat and Yacht Council)

Emily Parks <eparks@abycinc.org> | 613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org

Revision

BSR/ABYC H-5-202x, Boat Load Capacity (revision of ANSI/ABYC H-5-2021)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard applies to all boats with upper decks for the determination of the capacity of upper decks.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Specialist Misc., Government, General Interest

This standard applies to all boats less than 26 ft (7.9 m) in length overall (LOA) for the determination of maximum weight and persons capacity.

ABYC (American Boat and Yacht Council)

Emily Parks <eparks@abycinc.org> | 613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org

Revision

BSR/ABYC H-35-202x, Powering and Load Capacity of Pontoon Boats (revision of ANSI/ABYC H-35-2022)
Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard addresses powering and load capacity of pontoon boats. This standard applies to all pontoon boats powered by machinery.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Specialist Misc., Government, General Interest

This standard addresses powering and load capacity of pontoon boats. This standard applies to all pontoon boats powered by machinery.

AdvaMed (Advanced Medical Technology Association)

Peter Weems <pweems@advamed.org> | | www.advamed.org

New Standard

BSR/AdvaMed 1-202x, Model Patient Notification Language for Use of AI in Healthcare (new standard)
Stakeholders: AI medical device manufacturers, healthcare providers, patient groups

Project Need: As artificial intelligence becomes increasingly integrated into healthcare delivery, patients often remain unaware of when and how these technologies are used in their care. Current standards and regulatory frameworks focus primarily on technical performance, data quality, safety, and interoperability, but do not address consistent, patient-facing communication. Without clear and uniform notification practices, disclosure of AI use risks being inconsistent, confusing, or misleading, which can undermine patient trust and informed participation in care. This project addresses that gap by establishing standardized notification language that is accurate, accessible, and future-proofed for evolving AI capabilities, including fully autonomous systems. A national standard is needed to ensure consistency across healthcare settings, provide clarity to patients, and support regulatory and legislative initiatives seeking to balance transparency with usability.

Interest Categories: Manufacturers, Users, General Interest

This standard specifies model patient notification requirements for the use of artificial intelligence (AI) technologies in healthcare. Notifications must be written in clear, accessible language suitable for broad health literacy, while referencing applicable US FDA market authorization or clarifying when technologies are non-regulated. This standard does not address technical performance, algorithmic transparency, or clinical validation of AI systems, but is limited to patient-facing communication content and format. By establishing uniform notification language, the standard promotes consistency, accuracy, and patient trust across healthcare settings, differentiating it from existing standards focused on AI development, safety, or interoperability.

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

Klaudette Spencer <Kspencer@ashrae.org> | 180 Technology Pkwy | Peachtree Corners, GA 30092 www.ashrae.org

Revision

BSR/ASHRAE Standard 64-202x, Methods of Laboratory Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers (revision of ANSI/ASHRAE Standard 64-2020)
Stakeholders: Cooling equipment manufacturers

Project Need: Revision needed due to revised references

Interest Categories: Producers, users and general

This standard prescribes methods of laboratory testing remote mechanical-draft evaporative refrigerant condensers.

ATIS (Alliance for Telecommunications Industry Solutions)

Mignot Asefa <masefa@atis.org> | 1200 G Street, NW, Ste 500 | Washington, DC 20005 www.atis.org

Revision

BSR/ATIS 0600010.01-202X, Temperature, Humidity, Altitude, and Salt Fog Requirements for Information and Communications Technology (ICT) Equipment Utilized in Outside Plant Environments (revision of ANSI/ATIS 0600010.01-2020)
Stakeholders: Communications industry

Project Need: There is a need to clearly define/identify salt fog testing in Class 2 and Class 3 environments.

Interest Categories: General interest, producer, user

This standard covers the minimum temperature, humidity, altitude, and salt fog criteria for ICT equipment to be installed and utilized by service providers in Outside Plant (OSP) environments. These environments include those in OSP cabinet enclosure, pedestals, etc.

ATIS (Alliance for Telecommunications Industry Solutions)

Mignot Asefa <masefa@atis.org> | 1200 G Street, NW, Ste 500 | Washington, DC 20005 www.atis.org

Revision

BSR/ATIS 0600010-202X, Temperature, Humidity, and Altitude Requirements for Information and Communications Technology (ICT) Equipment Utilized in Controlled Environmental Spaces (revision of ANSI/ATIS 0600010-2020)
Stakeholders: Communications industry

Project Need: There are concerns regarding unmet cooling requirements in this standard, particularly related to measurements taken at the top of the rack. Temperature differences by height are expected and uniform cooling across an entire building is unrealistic. These issues may be driven by a shift toward less compliant, more commercially available equipment.

Interest Categories: General interest, producer, user

This standard covers the minimum temperature, humidity, and altitude criteria for telecommunications network equipment to be installed and utilized by service providers in controlled environmental spaces (e.g., Carrier Communication Spaces, COs, MTSOs, Huts, CEVs, and customer premises). It describes the test methodologies and test report criteria necessary for proper evaluation by interested parties, and those intending to deploy equipment in such environments. The expectation is that equipment will continue to function properly and without any unexpected degradation of performance when placed in the temperature- and humidity-controlled environmental spaces defined in the standard. Equipment is also expected to function properly after exposure to other environmental stresses, such as experienced in high-altitude applications and during storage and transportation.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A4.3-202x, Standard Methods for Determination of the Diffusible Hydrogen Content of Martensitic, Bainitic, and Ferritic Steel Weld Metal Produced by Arc Welding (revision of ANSI/AWS A4.3-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices

Interest Categories: User, Educator, Producer, General Interest, Distributor

Standard test specimens and method of preparation are set forth, along with standard methods of diffusible hydrogen analysis. The methods are suitable for shielded metal arc welding (SMAW), gas metal arc welding (GMAW), gas tungsten arc welding (GTAW), flux-cored arc welding (FCAW), and submerged arc welding (SAW) using welding conditions and electrodes given in several applicable American Welding Society and International Standards Organization filler metal specifications.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.2/A5.2M-202x, Specification for Carbon and Low-Alloy Steel Rods for Oxyfuel Gas Welding (revision of ANSI/AWS A5.2/A5.2M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification prescribes the requirements for classification of carbon and low-alloy steel rods for oxyfuel gas. The classification requirements include the mechanical properties of the weld metal. Additional requirements are included for chemical composition of the rod and for manufacture, sizes, lengths, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the rods. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.02/A5.02M-202x, Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes (revision of ANSI/AWS A5.02/A5.02M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification prescribes the requirements for standard sizes and packages of welding filler metals, allowing these physical attributes to be incorporated by reference into the individual specification. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.11/A5.11M-202x, Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.11/A5.11M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification prescribes the composition, dimensions, soundness, and properties of weld metal for more than 40 classifications of nickel and nickel-alloy covered electrodes. Major topics include general requirements, testing, manufacturing, identification, and packaging. A guide to using the specification is included in Annex A. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.14/A5.14M-202x, Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods (revision of ANSI/AWS A5.14/A5.14M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

The chemical compositions of nickel and nickel-alloy welding electrodes and rods are specified. Major topics include general requirements, testing, packaging, and application guidelines. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.17/A5.17M-202x, Specification for Carbon Steel Electrodes and Fluxes for Submerged Arc Welding (revision of ANSI/AWS A5.17/A5.17M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification provides requirements for the classification of solid and composite carbon steel electrodes and fluxes for submerged arc welding. Electrode classification is based on chemical composition of the electrode for solid electrodes, and chemical composition of the weld metal for composite electrodes. Flux classification is based on the mechanical properties of weld metal produced with the flux and an electrode classified herein. Additional requirements are included for sizes, marking, manufacturing, and packaging. The form and usability of the flux are also included. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of submerged arc fluxes and electrodes. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.18/A5.18M-202x, Specification for Carbon Steel Electrodes and Rods for Gas-Shielded Arc Welding (revision of ANSI/AWS A5.18/A5.18M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification prescribes the requirements for classification of carbon steel electrodes and rods, including solid, composite stranded, and composite metal cored electrodes for gas-shielded arc welding. Classification is based on chemical composition of the electrode for solid electrodes and rods, chemical composition of weld metal for composite stranded and composite metal-cored electrodes and rods, and the as-welded mechanical properties of the weld metal for each. Additional requirements are included for usability, manufacturing, diameters, lengths, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the electrodes and rods. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these units are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.20/A5.20M-202x, Specification for Carbon Steel Electrodes for Flux-Cored Arc Welding (revision of ANSI/AWS A5.20/A5.20M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification prescribes the requirements for classification of carbon steel electrodes for flux cored arc welding. The requirements include chemical composition and mechanical properties of the weld metal and certain usability characteristics. It also includes optional supplemental designators for lower temperature toughness requirements, diffusible hydrogen limits, and shielding gas range designators. Additional requirements are included for standard sizes, marking, manufacturing, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of carbon steel flux-cored electrodes. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.23/A5.23M-202x, Specification for Low-Alloy and High-Manganese Steel Electrodes and Fluxes for Submerged Arc Welding (revision of ANSI/AWS A5.23/A5.23M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification provides requirements for the classification of solid and composite carbon steel, low-alloy steel, and high-manganese steel electrodes and fluxes for submerged arc welding. Electrode classification is based on chemical composition of the electrode for solid electrodes, and chemical composition of the weld metal for composite electrodes. Fluxes may be classified using a multiple-pass classification system or a two-run classification system, or both, under this specification. Multiple-pass classification is based on the mechanical properties and the deposit composition of weld metal produced with the flux and an electrode classified herein. Two-run classification is based upon mechanical properties only. Additional requirements are included for sizes, marking, manufacturing, and packaging. The form and usability of the flux are also included. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of submerged arc fluxes and electrodes. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

AWS (American Welding Society)

Kevin Bulger <kbulger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A5.34/A5.34M-202x, Specification for Nickel-Alloy Flux-Cored and Metal-Cored Welding Electrodes (revision of ANSI/AWS A5.34/A5.34M-2025)
Stakeholders: Welding Industry

Project Need: Bringing this standard up to the latest practices and classifications

Interest Categories: User, Educator, Producer, General Interest, Distributor

This specification prescribes requirements for the classification of flux-cored and metal-cored nickel-alloy electrodes. For flux-cored electrodes, testing determines the chemical composition, mechanical properties, soundness of the weld metal, and the welding position usability characteristics of the electrode using the specified shielding gas. For metal-cored electrodes, testing determines the chemical composition, using the chemical compositions specified in AWS A5.14/A5.14M. This specification includes those compositions in which the nickel content exceeds that of any other element but excludes nickel-base alloy compositions intended for the joining of cast irons. This specification makes use of both U.S. customary units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

Mili Washington <mwashington@iicrcnet.org> | 4043 S Eastern Ave., | Las Vegas, NV 89119 https://www.iicrc.org

New Standard

BSR/IICRC S1000-202x, Standard for Professional Response for Recovery from Regional Disasters and Catastrophes (new standard)
Stakeholders: Stakeholders include restorers, facility and property owners, managers and employees, insurance carriers, public adjustors, TPAs, textiles (e.g., garments), and government agencies (e.g., federal emergency management workers).

Project Need: There is no existing standard that addresses the standard of care for area wide disasters and large loss catastrophes.

Interest Categories: Producers, Users, General Interest.

This proposed Standard will include practices for professional response and recovery from natural disasters such as hurricanes, tornados, and wildland fires. It will cover acceptable industry practices for logistical, mobilization, risk assessment, and project management considerations. This proposed Standard will be harmonized with existing IICRC Standards such as ANSI/IICRC S500, ANSI/IICRC S520, and ANSI/IICRC S700 Standards.

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Kim Quigley <kquigley@itic.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

New Standard

INCITS 592-202x, Information Technology - Fibre Channel Single-Byte Command Code Sets Mapping Protocol - 7 (FC-SB-7) (new standard)
Stakeholders: Consumers and developers of Fibre Channel devices and systems benefit from this standard through a wider variety of value propositions in products available on the open market.

Project Need: The existing FC-SB-6 protocol supports link-control, command-mode and transport-mode operations. The importance of security demands changes to the protocol to support confidentiality of all appropriate data. The importance of automation in datacenters also necessitates changes to enable greater discovery of resources for allocation and management of devices. Additional clarifications to the standard are also required in order to ensure consistent operation across implementations that exploit transport-mode operations and to align with new functionality defined in related standards. An FC-SB-7 standard will allow for the adoption of these necessary changes.

Interest Categories: Producer - Hardware or Semiconductor, Producer - Software or Services, Producer - Telecom or Electronics, Distributor, Service Provider, User/Consumer, Consultants, Government, Standards Development Organizations and Consortia, Academic Institutions, General Interest

A set of technical additions and clarifications to INCITS 544-2018, Fibre Channel - Single-Byte Command Code Sets - 6 Mapping Protocol (FC-SB-6). The specific goals of the standard are to: (a) specify enhancements to support Fibre Channel security; and (b) include changes required, technical or otherwise, for issues related to the current FC-SB-6 protocol as deemed necessary by the expert group.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 70-202x, National Electrical Code® (revision of ANSI/NFPA 70-2026)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, utilities, research and testing.

Project Need: Public need and interest

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C),Utilities (UT), and Special Expert (SE). Please refer to the following link https://www.nfpa.org/tcclass for more information about NFPA committee member classifications

This Code covers the installation and removal of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables for the following: (1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings; (2) Yards, lots, parking lots, carnivals, and industrial substations; (3) Installations of conductors and equipment that connect to the supply of electricity; (4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center; (5) Installations supplying shore power to ships and watercraft in marinas and boatyards, including monitoring of leakage current; and (6) Installations used to export electric power from vehicles to premises wiring or for bidirectional current flow.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 1194-202x, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2026)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE) Please refer to the following link https://www.nfpa.org/tcclass for more information about NFPA committee classifications

This standard shall provide minimum construction requirements for safety and health for occupants using facilities supplied by recreational vehicle (RV) parks and campgrounds offering temporary living sites for use by recreational vehicles, park model recreational vehicles, and other camping units. This standard shall not cover the design of recreational vehicles, park model RVs, or other forms of camping units. This standard shall not cover operational and maintenance practices for recreational vehicle parks and campgrounds.

Call for Comment on Standards Proposals

American National Standards

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section (s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. e-mail: psa@ansi.org
* Standard for consumer products

Comment Deadline: November 30, 2025

ACCA (Air Conditioning Contractors of America)

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | david.bixby@acca.org, www.acca.org

Addenda

BSR/Addendum c, ACCA 3 Manual S-202x, Residential Equipment Selection (addenda to ANSI/ACCA 3 Manual S -2023, Addendum a-2024, and Addendum b-2024)
This standard provides procedures for selecting and sizing residential cooling equipment, heat pumps, electric heating coils, furnaces, boilers, ancillary dehumidification equipment, humidification equipment, and direct evaporative cooling equipment. The proposed modifications represent a 2nd public review of proposed Addendum c based on comments received on the first public review dated June 6, 2025.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: standards-sec@acca.org

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

180 Technology Parkway, Peachtree Corners, GA 30092 | mweber@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.2r-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2025)
This proposed addendum would broaden the scope of Standard 62.2 to cover spaces adjacent to dwelling units that are not covered by other ASHRAE standards (i.e., ASHRAE Standard 62.1 or ASHRAE/ASHE Standard 170). Adjacent spaces that are outside the dwelling unit, such as crawl spaces or attics, may impact the indoor air quality within the dwelling unit. By adding these spaces to the scope of Standard 62.2, addenda could be proposed that would add requirements for these adjacent spaces to improve the indoor air quality in the dwelling unit.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: November 30, 2025

AWS (American Welding Society)

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

Revision

BSR/AWS C3.4M/C3.4-202x, Specification for Torch Brazing (revision of ANSI/AWS C3.4M/C3.4-2016)
This specification presents the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for the torch brazing of steels, stainless steels, copper, copper alloys, and heat- or corrosion-resistant alloys and other materials that can be adequately torch brazed (the torch brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying torch brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class. The specification defines acceptable torch brazing equipment, materials, and procedures as well as the required inspection for each class of joint.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Kevin Bulger <kbulger@aws.org>

ICE (Institute for Credentialing Excellence)

2001 K Street NW, 3rd Floor North, Washington, DC 20006 | ldombrowski@credentialingexcellence.org, www.credentialingexcellence.org

Revision

BSR/ICE 1100-202x, Standard for Assessment-Based Certificate Programs (revision of ANSI/ICE 1100-2019)
This standard pertains to assessment-based certificate programs. An assessment-based certificate program is a non-degree granting program that: (a) provides instruction and training to aid participants in acquiring specific knowledge, skills, and/or competencies associated with intended learning outcomes; (b) evaluates participants' accomplishment of the intended learning outcomes; and (c) awards a certificate only to those participants who meet the performance, proficiency, or passing standard for the assessment(s) (hence the term, "assessment-based certificate program").
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: standards@credentialingexcellence.org

ULSE (UL Standards and Engagement)

47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, https://ulse.org/

Revision

BSR/UL 746C-202x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2025)
This proposal is titled "Addition of Exposure and Evaluation Requirements for Polymeric Materials Exposed to UVC for UV Germicidal Irradiation (UVGI) Purposes" as new Sections 25A and 57A of UL 746C. This proposal is an updated version of a proposal for UL 746C titled "Addition of Exposure and Evaluation Requirements for Polymeric Materials Exposed to UVC for UV Germicidal Irradiation (UVGI) Purposes" to Paragraphs 25.1, 25.2, 25.3, Table 25.1, Paragraphs 57.1.1, 57.2.1 and 57.2.2, which was proposed by ULSE on April 18, 2025.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: December 15, 2025

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 | tambrosius@aafs.org, www.aafs.org

New Standard

BSR/ASB Std 207-202x, Standard for Collection and Preservation of Document Evidence (new standard)
This standard provides the requirements for the collection and preservation of document evidence and related items (materials and equipment used to produce questioned documents) during investigations.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

National Adoption

BSR/AAMI/IEC 60601-2-16-202X, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration, and haemofiltration equipment (identical national adoption of IEC 60601-2-16:2025 and revision of ANSI/AAMI/IEC 60601-2-16-2018)
IEC 60601-2-16:2025 specifies particular requirements for the basic safety and essential performance of haemodialysis, haemodiafiltration, and haemofiltration equipment used in hospitals, clinics, and home settings;
- Updated references to harmonize with recent collateral and particular IEC 60601 standards;
- Enhanced safety requirements for electrical and operational performance, including considerations for anticoagulant delivery and patient protection.
Single copy price: Free
Obtain an electronic copy from: jzajac@aami.org
Send comments (copy psa@ansi.org) to: Same

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

National Adoption

BSR/AAMI/IEC 60601-2-39-202X, Medical Electrical Equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (identical national adoption of IEC 60601239:2025 and revision of ANSI/AAMI/IEC 60601-2-39-2018)
IEC 60601-2-39:2025 specifies the safety and essential performance requirements for peritoneal dialysis (PD) medical electrical equipment. It applies to equipment used by healthcare professionals or under supervised patient operation, in both hospital and home environments. The standard ensures electrical and patient safety, addressing risks specific to PD devices, and provides guidance to guarantee safe and effective operation under normal and fault conditions.
Single copy price: Free
Obtain an electronic copy from: jzajac@aami.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 15, 2025

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

National Adoption

BSR/AAMI/ISO 5840-1-2021/Amd 1-202X, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements - Amendment 1 (identical national adoption of ISO 5840-1:2021/Amd 1:2025)
This document provides corrections to ISO 5840-1:2021, including updated definitions, revised hemodynamic testing pressure ranges (Tables 3 and 4), and a replacement of Annex E, Table E.2.
Single copy price: Free
Obtain an electronic copy from: jzajac@aami.org
Send comments (copy psa@ansi.org) to: Same

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

National Adoption

BSR/AAMI/ISO 5840-2-2021/Amd 1-202X, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes - Amendment 1 (identical national adoption of ISO 5840-2:2021/Amd 1:2025)
This documents provides corrections and clarifications to ISO 5840-2:2021 including updates to Annex F.
Single copy price: Free
Obtain an electronic copy from: jzajac@aami.org
Send comments (copy psa@ansi.org) to: Same

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

National Adoption

BSR/AAMI/ISO 5840-3-2021/Amd 1-202X, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques - Amendment 1 (identical national adoption of ISO 5840 -3:2021/Amd 1:2025)
This document provided corrections and clarifications to ISO 5840-3:2021 including updates to Annex C.
Single copy price: Free
Obtain an electronic copy from: jzajac@aami.org
Send comments (copy psa@ansi.org) to: Same

ACCA (Air Conditioning Contractors of America)

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | david.bixby@acca.org, www.acca.org

Reaffirmation

BSR/ACCA 2 Manual J-2016 (R202x), Residential Load Calculation (reaffirmation of ANSI/ACCA 2 Manual J -2016)
Manual J is intended for producing HVAC equipment sizing loads for single-family detached homes, small multi-unit structures, condominiums, town houses, and manufactured homes. A proper load calculation, performed in accordance with the Manual J procedure, is required by national building codes and most state and local jurisdictions.
Single copy price: Free
Obtain an electronic copy from: standards-sec@acca.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 15, 2025

ADA (American Dental Association)

211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 206-202x, Dentistry - Implantable Materials for Bone Filling and Augmentation in Oral and Maxillofacial Surgery - Contents of a Technical File (national adoption of ISO 22794:2007 with modifications and revision of ANSI/ADA Standard No. 206-2024)
This document applies to implantable materials used as dental devices for filling and augmenting periodontal or bony defects in oral and maxillofacial surgery. Products that are essentially pure (greater than 90%) hydroxyapatite are not covered by this document. Evaluation includes the physico-chemical, mechanical, biological, and clinical aspects and behavior of these implantable dental materials. Materials such as autografts, allografts, human-sourced bone-filling materials, barrier membranes, and products for which the intended use is to deliver a medicinal and/or biological product are not covered by this document.
Single copy price: $80.00
Obtain an electronic copy from: standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

National Adoption

BSR/ARESCA 61400-23-202x, Wind energy generation systems - Part 23: Full-scale structural testing of rotor blades (identical national adoption of IEC 61400-23;202x)
IEC 61400-23:2014 defines the requirements for full-scale structural testing of wind turbine blades and for the interpretation and evaluation of achieved test results. The standard focuses on aspects of testing related to an evaluation of the integrity of the blade, for use by manufacturers and third-party investigators. The following tests are considered in this standard:
- static load tests;
- fatigue tests;
- static load tests after fatigue tests;
- tests determining other blade properties.
The purpose of the tests is to confirm to an acceptable level of probability that the whole population of a blade type fulfills the design assumptions.
Single copy price: Free
Obtain an electronic copy from: secretary@aresca.us
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 15, 2025

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

National Adoption

BSR/ARESCA 61400-6.1-202x, Wind energy generation systems -Part 6: Tower and foundation design requirements (Amendment 1) (national adoption with modifications of IEC 61400-6/AMD1 ED1:2025)
IEC 61400-6:2020 specifies requirements and general principles to be used in assessing the structural integrity of onshore wind turbine support structures (including foundations). The scope includes the geotechnical assessment of the soil for generic or site-specific purposes. The strength of any flange and connection system connected to the rotor nacelle assembly (including connection to the yaw bearing) are designed and documented according to this document or according to IEC 61400-1. The scope includes all life cycle issues that may affect the structural integrity such as assembly and maintenance.
Single copy price: Free
Obtain an electronic copy from: secretary@aresca.us
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, https://www.asabe.org/

Reaffirmation

BSR/ASABE/ISO 23205:2014 FEB2016 (R202x), Agricultural tractors - Instructional seat (reaffirmation and redesignation of ANSI/ASABE/ISO 23205:2014 FEB2016 (R2020))
This standard specifies the minimum design and performance requirements for an instructional seat and restraint designed for limited use by a trainer or trainee or service person inside an enclosed cab of an agricultural tractor.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Carla VanGilder <stell@asabe.org>

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | aroessingzewe@assp.org, www.assp.org

New Standard

BSR/ASSP Z359.19-202x, Safety Requirements for Rigid Horizontal Rail Anchorage Subsystems for Personal Fall Protection Systems (new standard)
1.1. Scope. This standard establishes requirements for the design, performance, testing, marking, instruction, training, inspection, use, maintenance, and removal from service of pre-engineered rigid horizontal rail anchorage subsystems (RHRAS).
Single copy price: $150.00
Obtain an electronic copy from: ARoessingZewe@assp.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 15, 2025

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 1000678.v4.a-2021 (R202x), ATIS Supplement A to Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communications Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4 (reaffirmation of ANSI/ATIS 1000678.v4.a-2021)
This Supplement provides modifications to ATIS-1000678.v4, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communication Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4.
Single copy price: $60.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: Anna Karditzas <akarditzas@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

Stabilized Maintenance

BSR/ATIS 1000651.a-1996 (S202x), Mobility Management Application Protocol (MMAP) - Extensions (stabilized maintenance of ANSI/ATIS 1000651.a-1996 (S2016))
This standard provides an application layer protocol for the exchange of information between peer applications running in a radio system and other network elements (e.g., mobility management platforms, switching systems, and other radio systems). The basic provisions of the protocol pro-vide the semantics and syntax for operations necessary to support the mobility aspects of telecommunication services and call control in a wireless environment. This supplement provides additions and modifications to ANSI T1.651-1996.
Single copy price: $400.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: Anna Karditzas <akarditzas@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

Stabilized Maintenance

BSR/ATIS 1000655-2001 (S202x), Signaling System Number 7 (SS7) - Upper Layer Security Capability (stabilized maintenance of ANSI/ATIS 1000655-2001 (S2016))
This standard describes the Security network capability, which allow an end user service in an originating Signalling Point (SP) to invoke various security functions in the originating and/or destination SP. The Security capability can be used for identification and authentication of the communicating entities, it also provides information that supports resource access control, system access control, and encryption and decryption functions. Formerly known as T1.655-2001 (R2006).
Single copy price: $220.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: akarditzas@atis.org

Comment Deadline: December 15, 2025

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

Stabilized Maintenance

BSR/ATIS 1000676-2001 (S202x), BICC IP Bearer Control Protocol (IPBCP) (stabilized maintenance of ANSI/ATIS 1000676-2001 (S2016))
This standard defines BICC IP Bearer Control Protocol. The BICC IP Bearer Control Protocol (IPBCP) is used for the exchange of media stream characteristics, port numbers, and IP addresses of the source and sink of a media stream to establish and allow the modification of IP bearers. The information exchanged with IPBCP is done during BICC call establishment. In addition, it may be exchanged after a call established. IPBCP uses the Session Description Protocol (SDP) defined in RFC 2327 to encode this information. This standard is based on the ITU-T Recommendation Q.1970, BICC IP Bearer Control Protocol. It is suited for anticipated needs and applications within and between U. S. networks. Formerly known as T1.676-2001 (R2006).
Single copy price: $60.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: akarditzas@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

Stabilized Maintenance

BSR/ATIS 1000677-2001 (S202x), BICC Bearer Control Tunneling Protocol (stabilized maintenance of ANSI/ATIS 1000677-2001 (S2016))
This standard defines the BICC Bearer Control Tunneling Protocol. The BICC Bearer Control Tunneling Protocol is a generic tunneling mechanism for the purpose of tunneling Bearer Control Protocols (BCP). Formerly known as T1.677-2001 (R2006).
Single copy price: $60.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: akarditzas@atis.org

AWS (American Welding Society)

8669 NW 36th St, Miami, FL 3316 | acelaya@aws.org, www.aws.org

Revision

BSR/AWS D8.14M-202x, Specification for Automotive Weld Quality - Arc Welding of Aluminum (revision of ANSI/AWS D8.14M-2017)
This specification covers the arc welding of automotive components that are manufactured from aluminum alloys.
Single copy price: $42.00
Obtain an electronic copy from: acelaya@aws.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 15, 2025

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C622-202x, Pipe Bursting of Pressurized Water Pipelines 4 In. (100 mm) to 36 In. (900 mm) (revision of ANSI/AWWA C622-2019)
This standard describes the materials and procedures for rehabilitation of existing pressurized water pipelines 4 in. (100 mm) to 36 in. (900 mm) in diameter using pipe bursting. Pressurized water pipeline materials that can be pipe burst include asbestos cement (AC), cast iron, ductile iron (DI), fiberglass, high-density polyethylene (HDPE), polyvinyl chloride (PVC), plastic, steel reinforced concrete, and steel.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

DSI (Dental Standards Institute, Inc.)

230 Manitoba Avenue, Suite 110, Wayzata, MN 55391 | dentalstandards@gmail.com, https://dentalstandardsinstitute.com/

Reaffirmation

BSR/DSI GSST1.1-2020 (R202x), Graphic Symbols - Pictograms For Information Regarding the Healthcare Patient (reaffirmation and redesignation of ANSI/DSI GSST1.1-2020)
This Standard defines graphic symbolization and pictogram representation of crucial information regarding the healthcare patient. The goal of this Standard is to address the need for easily identifiable, universal communication of information within the electronic health record (EHR), including electronic dental records (EDR), for the purpose of reducing miscommunications within healthcare. This Standard also defines the visualization of crucial graphic symbols within the EHR.
Single copy price: $175.00
Obtain an electronic copy from: dentalstandards@gmail.com
Send comments (copy psa@ansi.org) to: Bryan Laskin, CEO, dentalstandards@gmail.com

HL7 (Health Level Seven)

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

Reaffirmation

BSR/HL7 V3 PSAF, R1-2020 (R202x), HL7 Version 3 Standard: Privacy and Security Architecture Framework, Release 1 (reaffirmation and redesignation of ANSI/HL7 V3 PSAF, R1-2020)
The Privacy and Security Architecture Framework (PSAF) is an overarching package containing 4 specifications and an informative guide. The components include: (1) Trust Framework for Federated Authorization Conceptual Model, (2) Trust Framework for Federated Authorization Behavioral Model, (3) Provenance Domain Analysis Model, and (4) Audit. Its intent is to provide an integrated package a set of standards to advance interoperability among partners in a shared trust framework.
Single copy price: $No cost to signed-in users
Obtain an electronic copy from: lynn@hl7.org
Send comments (copy psa@ansi.org) to: Lynn Laakso <lynn@hl7.org>

Comment Deadline: December 15, 2025

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

New Standard

BSR/NECA 726-202X, Standard for Installing and Maintaining Class 4 Fault-Managed Power (FMP) Systems (new standard)
1.1 Products and Applications Included This Standard. Describes the procedures for installing and maintaining Class 4 Fault-Managed Power (FMP) Systems rated 450 VDC and less, and 450 VAC peak and less.
1.2 Products and Applications Excluded This Standard. Does not apply to:
- Design of Class 4 FMP systems and circuits;
- Systems and circuits outside of Class 4 FMP systems and circuits.
Single copy price: $30.00 (Members); $60.00 (Non-Members)
Obtain an electronic copy from: neis@necanet.org
Send comments (copy psa@ansi.org) to: Same

NEMA (ASC C18) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 | Khaled.Masri@nema.org, www.nema.org

Revision

BSR C18.2M Part 2-202x, Portable Nickel Rechargeable Cells and Batteries - Safety Standard (revision of ANSI C18.2M, Part 2-2021)
This standard specifies performance requirements for standardized portable nickel cadmium and nickel metal hydride rechargeable cells and batteries to ensure their safe operation under normal use and reasonably foreseeable misuse. It also includes information relevant to hazard avoidance.
Single copy price: $120.00
Obtain an electronic copy from: communication@nema.org
Send comments (copy psa@ansi.org) to: Khaled Masri <Khaled.Masri@nema.org>

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

New Standard

BSR/NETA EMW-2026-202x, Standard for Qualification of Electrical Equipment Maintenance Workers for Electrical Equipment & Systems (new standard)
This standard establishes minimum requirements for qualification of the electrical maintenance workers, details the minimum training and experience requirements, and provides criteria for documenting qualifications. It also outlines the minimum qualifications for an independent and impartial certifying body to qualify electrical maintenance workers.
Single copy price: $495.00
Obtain an electronic copy from: ldanzy@netaworld.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 15, 2025

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 606-E-202x, Administration Standard for Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-D-2021)
This Standard specifies administration systems for telecommunications infrastructure within buildings (including commercial, industrial, residential, and data center premises) and between buildings. This infrastructure may range in size from a building requiring a single telecommunications space (TS) and associated elements, to many TSs and associated elements in multiple campus locations. This Standard applies to administration of telecommunications infrastructure in existing, renovated, and new buildings. Entire document is open for comment.
Single copy price: $212.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards and Engagement)

12 Laboratory Drive , Research Triangle Park, NC 27709 | Adam.Payrot@ul.org, https://ulse.org/

New Standard

BSR/UL 1062-202x, Standard for Safety for Unit Substations (new standard)
A new edition of UL 1062 is proposed which includes editorial corrections and updates to align with current style and format. This includes replacing the withdrawn ANSI/ISA MC96.1, Temperature-Measurement Thermocouples, with ASTM E230/E230M, Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

12 Laboratory Dr, Research Triangle, NC 27709 | anastasia.letaw@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 2610-2021 (R202x), UL Standard for Safety for Commercial Premises Security Alarm Units and Systems (reaffirmation of ANSI/UL 2610-2021)
Reaffirmation and continuance of the Second Edition of the Standard for Safety for Commercial Premises Security Alarm Units and Systems, UL 2610, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 15, 2025

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | marina.currie@ul.org, https://ulse.org/

Revision

BSR/UL 1678-202x, 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 1678-2023)
(1) Revisions to allow a standard metric wheel size.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | marina.currie@ul.org, https://ulse.org/

Revision

BSR/UL 2999-202x, Standard for Safety for Individual Commercial Office Furnishings (revision of ANSI/UL 2999 -2024)
(1) Eliminate Optional (Manufacturer Recommended) Loading for Office Furnishings.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

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

351 N Williamson Blvd, Daytona Beach, FL 32114-1112 | smithr@apcointl.org, www.apcointl.org

ANSI/APCO 3.103.3-2025, Minimum Training Standards for Public Safety Telecommunicators (revision and redesignation of ANSI/3.103.2-2015) Final Action Date: 10/21/2025 | *Revision*

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | standards@acousticalsociety.org, www.acousticalsociety.org

ANSI ASA S1.6-2025, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (revision of ANSI/ASA S1.6-2020 (R2025)) Final Action Date: 10/27/2025 | *Revision*

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | ambria.frazier@x9.org, www.x9.org

ANSI X9.119-2-2025, Requirements for Protection of Sensitive Payment Card Data - Part 2: Using Tokenization Methods (revision of ANSI X9.119-2-2017) Final Action Date: 10/22/2025 | *Revision*

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

ANSI/ASME B31.4-2025, Pipeline Transportation Systems for Liquids and Slurries (revision of ANSI/ASME B31.4-2022) Final Action Date: 10/27/2025 | *Revision*

ANSI/ASME NOG-1-2025, Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) (revision of ANSI/ASME NOG-1-2020) Final Action Date: 10/27/2025 | *Revision*

CSA (CSA America Standards Inc.)

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | ansi.contact@csagroup.org, www.csagroup.org

ANSI/CSA Z21.21a/CSA 6.5a-2025, Automatic valves for gas appliances (same as CSA 6.5a) (addenda to ANSI/CSA/Z21.21/CSA 6.5-2023) Final Action Date: 10/23/2025 | *Addenda*

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

ANSI/IEC/IEEE 63184-2025, International Standard - Assessment methods of the human exposure to electric and magnetic fields from wireless power transfer systems - Models, instrumentation, measurement and computational methods and procedures (frequency range of 3 kHz to 30 MHz) (new standard) Final Action Date: 10/20/2025 | *New Standard*

ANSI/IEEE 1205-2025, Draft Guide for Assessing, Monitoring, and Mitigating Aging Effects on Electrical Equipment Used in Nuclear Facilities (new standard) Final Action Date: 10/27/2025 | *New Standard*

ANSI/IEEE C37.300-2025, Guide for Centralized Protection and Control (CPC) Systems within a Substation (new standard) Final Action Date: 10/24/2025 | *New Standard*

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington DC, DC 20001 | jpowers@itic.org, www.incits.org

INCITS/ISO/IEC 19777-3:2025 [2025], Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) language bindings - Part 3: C (identical national adoption of ISO/IEC 19777-3:2025) Final Action Date: 10/27/2025 | *National Adoption*

INCITS/ISO/IEC 9868:2025 [2025], Information technology - Design, development, use and maintenance of biometric identification systems involving passive capture subjects (identical national adoption of ISO/IEC 9868:2025) Final Action Date: 10/23/2025 | *National Adoption*

INCITS/ISO/IEC 9899:2024 [2025], Information technology - Programming languages - C (identical national adoption of ISO/IEC 9899:2024 and revision of INCITS/ISO/IEC 9899:2018 [R2024]) Final Action Date: 10/23/2025 | *National Adoption*

INCITS/ISO/IEC 14882:2024 [2025], Programming languages - C++ (identical national adoption of ISO/IEC 14882:2024 and revision of INCITS/ISO/IEC 14882:2020 [2021]) Final Action Date: 10/23/2025 | *National Adoption*

INCITS/ISO/IEC 19790:2025 [2025], Information security, cybersecurity and privacy protection - Security requirements for cryptographic modules (identical national adoption of ISO/IEC 19790:2025 and revision of INCITS/ISO/IEC 19790:2012 [R2024]) Final Action Date: 10/23/2025 | *National Adoption*

INCITS/ISO/IEC 24759:2025 [2025], Information security, cybersecurity and privacy protection - Test requirements for cryptographic modules (identical national adoption of ISO/IEC 24759:2025 and revision of INCITS/ISO/IEC 24759:2017 [R2023]) Final Action Date: 10/23/2025 | *National Adoption*

INCITS 580-2025, Information technology - Inclusive Terminology (new standard) Final Action Date: 10/21/2025 | *New Standard*

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105 | mmilla@nsf.org, www.nsf.org

ANSI/NSF 14-2025 (i151r2), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2024) Final Action Date: 10/16/2025 | *Revision*

ANSI/NSF 53-2025 (i165r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2024) Final Action Date: 10/23/2025 | *Revision*

ANSI/NSF 58-2025 (i115r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2024) Final Action Date: 10/23/2025 | *Revision*

ANSI/NSF 330-2025 (i13r1), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2021) Final Action Date: 10/21/2025 | *Revision*

RESNET (Residential Energy Services Network, Inc.)

P.O. Box 4561, Oceanside, CA 92052 | rick.dixon@resnet.us, www.resnet.us.com

ANSI/RESNET/ICC 1580-2025, Standard for Calculating CO2e Emissions Based on Metered Data, for Operational Ratings (new standard) Final Action Date: 10/27/2025 | *New Standard*

TCATA (Textile Care Allied Trades Association)

14039 Independence Blvd. E, Suite A6 #232, Indian Trail, NC 28079 | Luci@tcata.org, www.tcata.org

ANSI/TCATA Z8.1-2025, Commercial Laundry Equipment and Operations - Safety Requirements (revision of ANSI Z8.1 -2016 (R2022)) Final Action Date: 10/23/2025 | *Revision*

TVC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | ascz80@thevisioncouncil.org, www.z80asc.com

ANSI Z80.29-2015 (R2025), Ophthalmics - Accommodative Intraocular Lenses (reaffirmation of ANSI Z80.29-2015 (R2020)) Final Action Date: 10/22/2025 | *Reaffirmation*

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

ANSI/UL 489i-2025, Standard for Solid State Circuit Breakers (new standard) Final Action Date: 10/22/2025 | *New Standard*

ANSI/UL 44-2021 (R2025), Standard for Safety for Thermoset-Insulated Wires and Cables (reaffirmation of ANSI/UL 44 -2021) Final Action Date: 10/23/2025 | *Reaffirmation*

ANSI/UL 83-2020 (R2025), Standard for Safety for Thermoplastic-Insulated Wires and Cables (reaffirmation of ANSI/UL 83-2020) Final Action Date: 10/23/2025 | *Reaffirmation*

ANSI/UL 154-2025a, Standard for Carbon-Dioxide Fire Extinguishers (revision of ANSI/UL 154-2025) Final Action Date: 10/21/2025 | *Revision*

ANSI/UL 486D-2025, Standard for Sealed Wire Connector Systems (revision of ANSI/UL 486D-2023) Final Action Date: 10/23/2025 | *Revision*

ANSI/UL 521-2025, Standard for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2024) Final Action Date: 10/24/2025 | *Revision*

ANSI/UL 1449-2025, Standard for Surge Protective Devices (revision of ANSI/UL 1449-2022) Final Action Date: 10/21/2025 | *Revision*

ANSI/UL 3741-2025, Standard for Safety for Photovoltaic Hazard Control (revision of ANSI/UL 3741-2020) Final Action Date: 10/20/2025 | *Revision*

Call for Members (ANS Consensus Bodies)

Directly and materially interested parties who wish to participate as a member of an ANS consensus body for the standards listed are requested to contact the sponsoring developer directly in a timely manner.

ANSI Accredited Standards Developer

INCITS Executive Board – ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

Membership in the INCITS Executive Board is open to all directly and materially interested parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.
Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following underrepresented categories:

- Producer-Software
- Producer-Hardware
- Distributor
- Service Provider
- Users
- Consultants
- Government
- SDO and Consortia Groups
- Academia
- General Interest

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.
SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.
Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures.
More information is available at www.scte.org or by e-mail from standards@scte.org.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

BSR/AAMI/IEC 60601-2-16-202X, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration, and haemofiltration equipment (identical national adoption of IEC 60601-2-16:2025 and revision of ANSI/AAMI/IEC 60601-2-16-2018)
Interest Categories: The AAMI RD Committee is seeking user and general interest members to participate in the identical adoption of IEC 60601-2-16:2025 and IEC 60601-2-39

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

BSR/AAMI/IEC 60601-2-39-202X, Medical Electrical Equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (identical national adoption of IEC 60601239:2025 and revision of ANSI/AAMI/IEC 60601-2-39-2018)

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

BSR/AAMI/ISO 5840-1-2021/Amd 1-202X, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements - Amendment 1 (identical national adoption of ISO 5840-1:2021/Amd 1:2025)
Interest Categories: The committee is seeking user and general interest members to participate in the identical adoption of AAMI/ISO 5840-1:2021/Amd 1:2025

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

BSR/AAMI/ISO 5840-2-2021/Amd 1-202X, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes - Amendment 1 (identical national adoption of ISO 5840-2:2021/Amd 1:2025)

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | jzajac@aami.org, www.aami.org

BSR/AAMI/ISO 5840-3-2021/Amd 1-202X, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques - Amendment 1 (identical national adoption of ISO 5840 -3:2021/Amd 1:2025)

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | eparks@abycinc.org, www.abycinc.org

BSR/ABYC H-5-202x, Boat Load Capacity (revision of ANSI/ABYC H-5-2021)
Interest Categories: Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Service, Specialist Misc., Government, Consumer, General Interest

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | eparks@abycinc.org, www.abycinc.org

BSR/ABYC H-35-202x, Powering and Load Capacity of Pontoon Boats (revision of ANSI/ABYC H-35-2022)
Interest Categories: Manufacturer - Engines, Manufacturer - Accessory, Trade Associations, Insurance/Survey, Specialist Service, Specialist Misc., Government, Consumer, General Interest

AdvaMed (Advanced Medical Technology Association)

, | pweems@advamed.org, www.advamed.org

BSR/AdvaMed 1-202x, Model Patient Notification Language for Use of AI in Healthcare (new standard)

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

BSR/ARESCA 61400-23-202x, Wind energy generation systems - Part 23: Full-scale structural testing of rotor blades (identical national adoption of IEC 61400-23;202x)

ARESCA (American Renewable Energy Standards and Certification Association)

256 Farrell Farm Road, Norwich, VT 05055 | secretary@aresca.us, www.aresca.us

BSR/ARESCA 61400-6.1-202x, Wind energy generation systems -Part 6: Tower and foundation design requirements (Amendment 1) (national adoption with modifications of IEC 61400-6/AMD1 ED1:2025)

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, https://www.asabe.org/

BSR/ASABE/ISO 23205:2014 FEB2016 (R202x), Agricultural tractors - Instructional seat (reaffirmation and redesignation of ANSI/ASABE/ISO 23205:2014 FEB2016 (R2020))

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

180 Technology Pkwy, Peachtree Corners, GA 30092 | Kspencer@ashrae.org, www.ashrae.org

BSR/ASHRAE Standard 64-202x, Methods of Laboratory Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers (revision of ANSI/ASHRAE Standard 64-2020)

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | aroessingzewe@assp.org, www.assp.org

BSR/ASSP Z359.19-202x, Safety Requirements for Rigid Horizontal Rail Anchorage Subsystems for Personal Fall Protection Systems (new standard)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

BSR/ATIS 0600010.01-202X, Temperature, Humidity, Altitude, and Salt Fog Requirements for Information and Communications Technology (ICT) Equipment Utilized in Outside Plant Environments (revision of ANSI/ATIS 0600010.01-2020)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

BSR/ATIS 0600010-202X, Temperature, Humidity, and Altitude Requirements for Information and Communications Technology (ICT) Equipment Utilized in Controlled Environmental Spaces (revision of ANSI/ATIS 0600010-2020)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

BSR/ATIS 1000651.a-1996 (S202x), Mobility Management Application Protocol (MMAP) - Extensions (stabilized maintenance of ANSI/ATIS 1000651.a-1996 (S2016))

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

BSR/ATIS 1000655-2001 (S202x), Signaling System Number 7 (SS7) - Upper Layer Security Capability (stabilized maintenance of ANSI/ATIS 1000655-2001 (S2016))

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

BSR/ATIS 1000676-2001 (S202x), BICC IP Bearer Control Protocol (IPBCP) (stabilized maintenance of ANSI/ATIS 1000676-2001 (S2016))

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

BSR/ATIS 1000677-2001 (S202x), BICC Bearer Control Tunneling Protocol (stabilized maintenance of ANSI/ATIS 1000677-2001 (S2016))

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | akarditzas@atis.org, www.atis.org

BSR/ATIS 1000678.v4.a-2021 (R202x), ATIS Supplement A to Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communications Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4 (reaffirmation of ANSI/ATIS 1000678.v4.a-2021)

AWS (American Welding Society)

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

BSR/AWS A4.3-202x, Standard Methods for Determination of the Diffusible Hydrogen Content of Martensitic, Bainitic, and Ferritic Steel Weld Metal Produced by Arc Welding (revision of ANSI/AWS A4.3-2025)

AWS (American Welding Society)

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

BSR/AWS A5.2/A5.2M-202x, Specification for Carbon and Low-Alloy Steel Rods for Oxyfuel Gas Welding (revision of ANSI/AWS A5.2/A5.2M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.02/A5.02M-202x, Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes (revision of ANSI/AWS A5.02/A5.02M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.11/A5.11M-202x, Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.11/A5.11M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.14/A5.14M-202x, Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods (revision of ANSI/AWS A5.14/A5.14M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.17/A5.17M-202x, Specification for Carbon Steel Electrodes and Fluxes for Submerged Arc Welding (revision of ANSI/AWS A5.17/A5.17M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.18/A5.18M-202x, Specification for Carbon Steel Electrodes and Rods for Gas-Shielded Arc Welding (revision of ANSI/AWS A5.18/A5.18M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.20/A5.20M-202x, Specification for Carbon Steel Electrodes for Flux-Cored Arc Welding (revision of ANSI/AWS A5.20/A5.20M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.23/A5.23M-202x, Specification for Low-Alloy and High-Manganese Steel Electrodes and Fluxes for Submerged Arc Welding (revision of ANSI/AWS A5.23/A5.23M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.34/A5.34M-202x, Specification for Nickel-Alloy Flux-Cored and Metal-Cored Welding Electrodes (revision of ANSI/AWS A5.34/A5.34M-2025)

AWS (American Welding Society)

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

BSR/AWS C3.4M/C3.4-202x, Specification for Torch Brazing (revision of ANSI/AWS C3.4M/C3.4-2016)

AWS (American Welding Society)

8669 NW 36th St, Miami, FL 3316 | acelaya@aws.org, www.aws.org

BSR/AWS D8.14M-202x, Specification for Automotive Weld Quality - Arc Welding of Aluminum (revision of ANSI/AWS D8.14M-2017)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | kquigley@itic.org, www.incits.org

INCITS 592-202x, Information Technology - Fibre Channel Single-Byte Command Code Sets Mapping Protocol - 7 (FC-SB-7) (new standard)

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

BSR/NETA EMW-2026-202x, Standard for Qualification of Electrical Equipment Maintenance Workers for Electrical Equipment & Systems (new standard)

TIA (Telecommunications Industry Association)

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

BSR/TIA 606-E-202x, Administration Standard for Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-D-2021)

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | marina.currie@ul.org, https://ulse.org/

BSR/UL 1678-202x, 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 1678-2023)

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | marina.currie@ul.org, https://ulse.org/

BSR/UL 2999-202x, Standard for Safety for Individual Commercial Office Furnishings (revision of ANSI/UL 2999 -2024)

American National Standards (ANS) Process

Please visit ANSI's website (www.ansi.org) for resources that will help you to understand, administer and participate in the American National Standards (ANS) process. Documents posted at these links are updated periodically as new documents and guidance are developed, whenever ANS-related procedures are revised, and routinely with respect to lists of proposed and approved ANS. The main ANS-related linkis www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

Where to find Procedures, Guidance, Interpretations and More…

Please visit ANSI's website (www.ansi.org)

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition):

www.ansi.org/essentialrequirements

• ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures):

www.ansi.org/standardsaction

• Accreditation information – for potential developers of American National Standards (ANS):

www.ansi.org/sdoaccreditation

• ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form):

www.ansi.org/asd

• Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS:

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

https://www.ansi.org/portal/psawebforms/

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

American National Standards Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements. The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select “American National Standards Maintained Under Continuous Maintenance.” Questions? psa@ansi.org.

ANSI-Accredited Standards Developers (ASD) Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment, Call for Members and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to the PSA Department at psa@ansi.org.

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

Teresa Ambrosius
tambrosius@aafs.org

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
www.aami.org

Jill Zajac
jzajac@aami.org

ABYC
American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
www.abycinc.org

Emily Parks
eparks@abycinc.org

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

David Bixby
david.bixby@acca.org

ADA (Organization)
American Dental Association
211 E. Chicago Avenue
Chicago, IL 60611
www.ada.org

Mary Swick
swickm@ada.org

AdvaMed
Advanced Medical Technology Association

www.advamed.org

Peter Weems
pweems@advamed.org

APCO
Association of Public-Safety Communications Officials-International
351 N Williamson Blvd
Daytona Beach, FL 32114
www.apcoIntl.org

Rosa Smith
smithr@apcointl.org

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

George Kelly
secretary@aresca.us

ASA (ASC S1)
Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2590 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Sadie Stell
stell@asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
www.x9.org

Ambria Calloway
ambria.frazier@x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Pkwy
Peachtree Corners, GA 30092
www.ashrae.org

Klaudette Spencer
Kspencer@ashrae.org

Mark Weber
mweber@ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue, M/S 6-2B
New York, NY 10016
www.asme.org

Terrell Henry
ansibox@asme.org

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

Anna Zewe
aroessingzewe@assp.org

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

Anna Karditzas
akarditzas@atis.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street, NW, Ste 500
Washington, DC 20005
www.atis.org

Mignot Asefa
masefa@atis.org

AWS
American Welding Society
8669 NW 36th St
Miami, FL 3316
www.aws.org

Ady Celaya
acelaya@aws.org

AWS
American Welding Society
8669 NW 36th Street, Suite 130
Miami, FL 33166
www.aws.org

Kevin Bulger
kbulger@aws.org

AWWA
American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org

Madeline Rohr
mrohr@awwa.org

CSA
CSA America Standards Inc.
8501 East Pleasant Valley Road
Cleveland, OH 44131
www.csagroup.org

Thuy Ton
ansi.contact@csagroup.org

DSI
Dental Standards Institute, Inc.
230 Manitoba Avenue, Suite 110
Wayzata, MN 55391
https://dentalstandardsinstitute.com/

Bryan Laskin
dentalstandards@gmail.com

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

Lynn Laakso
lynn@hl7.org

ICE
Institute for Credentialing Excellence
2001 K Street NW, 3rd Floor North
Washington, DC 20006
www.credentialingexcellence.org

Liz Dombrowski
ldombrowski@credentialingexcellence.org

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Suzanne Merten
s.merten@ieee.org

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

Mili Washington
mwashington@iicrcnet.org

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

Barbara Bennett
INCITS-comments@connectedcommunity.org

Deborah Spittle
INCITS-comments@connectedcommunity.org

Jill Powers
jpowers@itic.org

Kim Quigley
kquigley@itic.org

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

Jeff Noren
Jeff.Noren@NECAnet.org

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

Khaled Masri
Khaled.Masri@nema.org

NETA
InterNational Electrical Testing Association
3050 Old Centre Rd, Suite 101
Portage, MI 49024
www.netaworld.org

Lamar Danzy
ldanzy@netaworld.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
www.nfpa.org

Dawn Michele Bellis
dbellis@nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
www.nsf.org

Monica Milla
mmilla@nsf.org

RESNET
Residential Energy Services Network, Inc.
P.O. Box 4561
Oceanside, CA 92052
www.resnet.us.com

Richard Dixon
rick.dixon@resnet.us

TCATA
Textile Care Allied Trades Association
14039 Independence Blvd. E, Suite A6 #232
Indian Trail, NC 28079
www.tcata.org

Luci Ward
Luci@tcata.org

TIA
Telecommunications Industry Association
1320 North Courthouse Road, Suite 200
Arlington, VA 22201
www.tiaonline.org

Teesha Jenkins
tjenkins@tiaonline.org

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

Michele Stolberg
ascz80@thevisioncouncil.org

ULSE
UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ulse.org/

Marina Currie
marina.currie@ul.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

ULSE
UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC https://ulse.org/

Akhira Watson
akhira.watson@ul.org

ULSE
UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ulse.org/

Adam Payrot
Adam.Payrot@ul.org

ULSE
UL Standards & Engagement
1603 Orrington Ave, Suite 20000
Evanston, IL 60201
https://ulse.org/

Susan Malohn
Susan.P.Malohn@ul.org

ULSE
UL Standards & Engagement
1603 Orrington Avenue, Suite 2000
Evanston, IL 60201
https://ulse.org/

Mitchell Gold
mitchell.gold@ul.org

ULSE
UL Standards & Engagement
47173 Benicia Street
Fremont, CA 94538
https://ulse.org/

Derrick Martin
Derrick.L.Martin@ul.org

Linda Phinney
Linda.L.Phinney@ul.org

ULSE
UL Standards and Engagement
12 Laboratory Dr
Research Triangle, NC 27709
https://ulse.org/

Anastasia Letaw
anastasia.letaw@ul.org

ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

COMMENTS

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

Those regarding IEC documents should be sent to the USNC/IEC team at ANSI's New York offices (usnc@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 24167, Milk and milk products - In vitro digestion protocol for the determination of protein digestibility and in vitro digestible indispensable amino acid score (DIAAS) - 1/10/2026, $107.00

ISO/DIS 25097, Bee pollen production - 1/10/2026, $58.00

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 80601-2-56, Medical electrical equipment - Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement - 1/10/2026, $112.00

Building environment design (TC 205)

ISO/DIS 20734, Building environment design - Daylighting design procedure for indoor visual environment - 1/15/2026, $98.00

Gas cylinders (TC 58)

ISO/DIS 10298, Gas cylinders - Gases and gas mixtures - Determination of toxicity for the selection of cylinder valve outlets - 1/15/2026, $67.00

Governance of organizations (TC 309)

ISO/DIS 37304, Compliance management systems - Requirements for bodies providing audit and certification of compliance management systems - 1/9/2026, $71.00

Materials, equipment and offshore structures for petroleum and natural gas industries (TC 67)

ISO/DIS 5133, Oil and gas industries including lower carbon energy - Protective system requirements for fired equipment - 1/12/2026, $146.00

ISO/DIS 15156-1, Oil and gas industries including lower carbon energy - Materials for use in H2S-containing environments in oil and gas production - Part 1: Materials and materials processing requirements - 1/10/2026, $119.00

ISO/DIS 15156-2, Oil and gas industries including lower carbon energy - Materials for use in H2S-containing environments in oil and gas production - Part 2: Service environment assessment and material selection - 1/12/2026, $134.00

ISO/DIS 15156-3, Oil and gas industries including lower carbon energy - Materials for use in H2S-containing environments in oil and gas production - Part 3: Verification, qualification and balloting requirements - 1/11/2026, $146.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 14918, Thermal spraying - Qualification testing of thermal sprayers - 1/10/2026, $88.00

Non-destructive testing (TC 135)

ISO/DIS 17501, Non-destructive testing - Thermographic testing - Active thermography with laser excitation - 1/15/2026, $88.00

Nuclear energy (TC 85)

ISO 16117:2013/DAmd 1, - Amendment 1: Nuclear criticality safety - Estimation of the number of fissions of a postulated criticality accident - Amendment 1 - 1/10/2026, $29.00

ISO/DIS 11483, Nuclear fuel technology - Preparation of plutonium sources and determination of 238Pu/239Pu isotope ratio by alpha spectrometry - 1/11/2026, $67.00

Prosthetics and orthotics (TC 168)

ISO/DIS 21064, Prosthetics and orthotics - Foot orthotics (pedorthics) - Uses, functions classification and description - 1/10/2026, $46.00

Road vehicles (TC 22)

ISO/DIS 17536-1, Road vehicles - Aerosol separator performance test for internal combustion engines - Part 1: General - 1/10/2026, $88.00

Rubber and rubber products (TC 45)

ISO/DIS 17324, Rubber hoses for automotive turbochargers - Specification - 1/15/2026, $62.00

Sports and recreational equipment (TC 83)

ISO/DIS 8783, Alpine skis - Guidelines for conducting slope performance tests - 1/9/2026, $33.00

Steel (TC 17)

ISO/DIS 15355, Steel and iron - Determination of chromium content - Indirect titration method - 1/10/2026, $58.00

Textiles (TC 38)

ISO/DIS 25205-1, Textiles - Thermal shrinkage of man-made filament yarns - Part 1: Determination in boiling water - 1/9/2026, $46.00

Water quality (TC 147)

ISO/DIS 5667-1, Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques - 1/12/2026, $107.00

Welding and allied processes (TC 44)

ISO/DIS 22161-3, Aerospace series - Brazing and high-temperature brazing of metallic components - Part 3: Furnace, torch and induction brazing using silver alloys - 1/10/2026, $82.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23003-3:2020/DAmd 2, - Amendment 2: Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding - Amendment 2: Media authenticity - 1/12/2026, $53.00

ISO/IEC DIS 25059, Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality models for AI systems - 1/11/2026, $77.00

ISO/IEC DIS 24772-8, Programming languages - Avoiding vulnerabilities in programming languages - Part 8: Vulnerability descriptions for the programming language Fortran - 1/15/2026, $119.00

IEC Standards

Cables, wires, waveguides, r.f. connectors, and accessories for communication and signalling (TC 46)

46/1062/CDV, IEC 62153-4-17/AMD1 ED1: Amendment 1 - Metallic cables and other passive components - Test methods - Part 4-17: Electromagnetic compatibility (EMC) - Reduction factor, 01/16/2026

46F/730/FDIS, IEC 63138-4 ED1: Multi-channel radio-frequency connectors - Part 4: Sectional specification for type L32-4 and L32-5 circular connectors, 12/05/2025

46/1066/CDV, IEC 63466-2 ED1: Leaky waveguides - Part 2: Sectional specification for elliptical leaky waveguides, 01/16/2026

Documentation and graphical symbols (TC 3)

3D/466/ED, IEC 61360-C00189 ED3: Maintenance CR for IEC 61987 with Pointer Class, short names, terms & definitions alignment with Part 1, 11/21/2025

Electrical equipment in medical practice (TC 62)

62A/1704/DTR, IEC TR 60601-4-9 ED1: Medical electrical equipment - Part 4-9: Guidance and interpretation - Maintaining essential performance in single fault condition - Examples, 12/19/2025

62/570/CD, IEC TR 63691-1 ED1: Medical devices - In silico technologies - Part 1: Terminology and context, 01/16/2026

62B/1401/CDV, ISO 10974 ED1: Assessment of the safety of magnetic resonance imaging for patients with an active implantable medical device, 01/16/2026

62/568/NP, PNW 62-568 ED1: Management systems - Guidelines for incorporating ecodesign in the medical device sector, 01/16/2026

62/571/NP, PNW 62-571 ED1: Medical devices - In silico technologies - Part 2: Credibility assessment of first-principles based methods, 01/16/2026

Electrical installations of ships and of mobile and fixed offshore units (TC 18)

18/2004/CDV, IEC 63462-1 ED1: Maritime battery system - Part 1: Secondary lithium cells and batteries - Safety requirements, 01/16/2026

Electromagnetic compatibility (TC 77)

77A/1272/CD, IEC 61000-4-7 ED3: Electromagnetic compatibility (EMC) - Part 4-7: Testing and measurement techniques - General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto, 01/02/2026

Environmental standardization for electrical and electronic products and systems (TC 111)

111/852/CDV, IEC 62321-8 ED2: Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS), 01/16/2026

Evaluation and Qualification of Electrical Insulating Materials and Systems (TC 112)

112/701/CD, IEC TR 63691 ED1: Selection guidelines for polymeric materials in lower housing of oil-impregnated paper bushings under HV stress, 12/19/2025

Fibre optics (TC 86)

86C/1990/CDV, IEC 61290-3-2 ED3: Optical amplifiers - Test methods - Part 3-2: Noise figure parameters - Electrical spectrum analyzer method, 01/16/2026

86B/5145/CD, IEC 61754-4-100/AMD1 ED2: Amendment 1 - Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4-100: Type SC connector family - Simplified receptacle SC-PC connector interfaces, 12/19/2025

86B/5146/CD, IEC 61754-6-100/AMD1 ED2: Amendment 1 - Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6-100: Type MU connector family - Simplified receptacle MU-PC connector interfaces, 12/19/2025

Industrial-process measurement and control (TC 65)

65/1169/CD, IEC 62443-2-4 ED3: Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers, 12/19/2025

Lamps and related equipment (TC 34)

34/1399/CD, IEC 62471-7/AMD1 ED2: Amendment 1 - Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation, 01/16/2026

34/1404/CD, IEC 63640 ED1: Horticultural lighting - LED modules for horticultural lighting - Safety, 01/16/2026

Magnetic components and ferrite materials (TC 51)

51/1582/FDIS, IEC 61332 ED4: Soft ferrite material classification, 12/05/2025

Nuclear instrumentation (TC 45)

45A/1627/CDV, IEC 60951-2 ED3: Nuclear facilities - Instrumentation systems important to safety - Radiation monitoring for accident and post-accident conditions - Part 2: Equipment for continuous off-line monitoring of radioactivity in gaseous effluents and ventilation air, 01/16/2026

45A/1628/CDV, IEC 60951-4 ED3: Nuclear facilities - Instrumentation systems important to safety - Radiation monitoring for accident and post-accident conditions - Part 4: Equipment for continuous in-line or on-line monitoring of radioactivity in process streams, 01/16/2026

45B/1096/CDV, IEC 61526/AMD1 ED4: Amendment 1 - Radiation protection instrumentation - Measurement of personal dose equivalents for X, gamma, neutron and beta radiations - Active personal dosemeters, 01/16/2026

45/1021/CDV, IEC 63048-2 ED1: Mobile remotely controlled systems for nuclear and radiological applications - Particular requirements for aerial surveillance, 01/16/2026

45A/1636/FDIS, IEC 63423 ED1: Nuclear Power Plants - Instrumentation and control systems important to safety - Cable connector assemblies for harsh environment purposes, 12/05/2025

Power capacitors (TC 33)

33/732(F)/FDIS, IEC 60358-1 ED2: Coupling capacitors and capacitor dividers - Part 1: General rules, 11/07/2025

Semiconductor devices (TC 47)

47/2963(F)/FDIS, IEC 60749-26 ED5: Semiconductor devices - Mechanical and climatic test methods - Part 26: Electrostatic discharge (ESD) sensitivity testing - Human body model (HBM), 11/14/2025

47/2970/NP, PNW 47-2970 ED1: Semiconductor devices - Chip-scale testing for autonomous vehicles -Part 3: Thermal imagers, 01/16/2026

Solar photovoltaic energy systems (TC 82)

82/2528/CD, IEC 63202-7 ED1: Photovoltaic cells - Part 7: Measurement of flexural strength of crystalline silicon photovoltaic cells, 12/19/2025

Solar thermal electric plants (TC 117)

117/238/FDIS, IEC 62862-3-6 ED1: Solar thermal electric plants - Part 3-6: Durability of silvered-glass reflectors - Laboratory test methods and assessment, 12/05/2025

Standard voltages, current ratings and frequencies (TC 8)

8/1787/CD, IEC TR 62786-103 Distributed energy resources connection with the grid - Part 103 V2G application scenarios for the grid, 12/19/2025

Switchgear and controlgear (TC 17)

17C/984/CD, IEC 62271-205 ED2: High-voltage switchgear and controlgear - Part 205: Compact switchgear assemblies, mobile and prefabricated substations for rated voltage above 52 kV, 12/19/2025

17/1190/DTR, IEC TR 62271-322 ED1: High-voltage switchgear and controlgear - Part 322: The use of digital technologies, 12/19/2025

Switchgear and Controlgear and Their Assemblies for Low Voltage (TC 121)

121B/223/CDV, IEC 61439-6 ED2: Low-voltage switchgear and controlgear assemblies - Part 6: Busbar trunking systems (busways), 01/16/2026

121B/224/FDIS, IEC 61439-8 ED1: Low-voltage switchgear and controlgear assemblies - Part 8: Assemblies for use in photovoltaic installations, 12/05/2025

121A/704/CD, IEC 62091 ED2: Low-voltage switchgear and controlgear - Controllers for drivers of stationary fire pumps, 12/19/2025

121/237/FDIS, IEC 62683-1 ED2: Low-voltage switchgear and controlgear - Product data and properties for information exchange - Part 1: Catalogue data, 12/05/2025

Ultrasonics (TC 87)

87/916/CDV, IEC 63440 ED1: Ultrasonics - Measurement of temperature rise produced by medical ultrasonic equipment, 01/16/2026

Newly Published ISO & IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers).

ISO Standards

Agricultural food products (TC 34)

ISO 21846:2025, Vegetable fats and oils - Determination of composition of triacylglycerols and composition and content of diacylglycerols by capillary gas chromatography, $127.00

Applications of statistical methods (TC 69)

ISO 11843-6:2025, Capability of detection - Part 6: Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations, $172.00

Banking and related financial services (TC 68)

ISO 9564-5:2025, Financial services - Personal identification number (PIN) management and security - Part 5: Methods for the generation, change, and verification of PINs, $172.00

Copper, lead and zinc ores and concentrates (TC 183)

ISO 11456:2025, Copper and zinc sulfide concentrates - Determination of silver content - Acid digestion and flame atomic absorption spectrometric or inductively coupled plasma optical emission spectrometric method, $230.00

Documents and data elements in administration, commerce and industry (TC 154)

ISO 14533-3:2025, Processes, data elements and documents in commerce, industry and administration - Long-term signature - Part 3: Profiles for PDF Advanced Electronic Signatures (PAdES), $172.00

Earth-moving machinery (TC 127)

ISO 6683:2025, Earth-moving machinery - Seat-belt assemblies and seat-belt anchorages - Performance requirements and tests, $84.00

Environmental management (TC 207)

ISO 14054:2025, Natural capital accounting for organizations - Principles, requirements and guidance, $230.00

Equipment for fire protection and fire fighting (TC 21)

ISO 7240-1:2025, Fire detection and alarm systems - Part 1: General and definitions, $127.00

Ergonomics (TC 159)

ISO 16710-2:2025, Ergonomics methods - Part 2: A methodology for work analysis to support design, $201.00

Graphical symbols (TC 145)

ISO 22578:2025, Graphical symbols - Safety colours and safety signs - Natural disaster safety way guidance system, $201.00

Healthcare organization management (TC 304)

ISO 16473:2025, Healthcare organization management - Pandemic response - Response resource information management, $84.00

ISO 18706:2025, Healthcare organization management - Pandemic response (respiratory) - Functions and quality evaluation of specimen collection booth, $127.00

Other

ISO 3377-2:2025, Leather - Physical and mechanical tests - Part 2: Determination of double edge tear load, $56.00

Paper, board and pulps (TC 6)

ISO 11093-2:2025, Paper and board - Testing of cores - Part 2: Conditioning of test samples, $56.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 16321-4:2025, Eye and face protection - Part 4: Protection against biological hazards, $172.00

Petroleum products and lubricants (TC 28)

ISO 6578:2025, Refrigerated hydrocarbon liquids - Static measurement - Calculation procedure, $172.00

Plastics (TC 61)

ISO 182-3:2025, Plastics - Determination of the tendency of compounds and products based on vinyl chloride homopolymers and copolymers to evolve hydrogen chloride and any other acidic products at elevated temperatures - Part 3: Conductometric method, $127.00

Railway applications (TC 269)

ISO 18955:2025, Railway applications - Suspension components - Rubber diaphragms for pneumatic suspension springs, $230.00

Road vehicles (TC 22)

ISO 3842:2006/Amd 1:2025, - Amendment 1: Road vehicles - Fifth wheels - Interchangeability - Amendment 1, $23.00

ISO 11154:2023/Amd 1:2025, - Amendment 1: Road vehicles - Roof load carriers - Amendment 1, $23.00

Safety of toys (TC 181)

ISO 8124-1:2022/Amd 1:2025, - Amendment 1: Safety of toys - Part 1: Safety aspects related to mechanical and physical properties - Amendment 1, $23.00

Service activities relating to drinking water supply systems and wastewater systems - Quality criteria of the service and performance indicators (TC 224)

ISO 24599:2025, Guidelines for the management of mobile toilets under epidemic situations, $127.00

ISO 24566-3:2025, Drinking water, wastewater and stormwater systems and services - Adaptation of water services to climate change impacts - Part 3: Drinking water services, $230.00

Soil quality (TC 190)

ISO 17601:2025, Soil quality - Estimation of abundance of selected microbial gene sequences by quantitative polymerase chain reaction (qPCR) from DNA directly extracted from soil, $201.00

Solid mineral fuels (TC 27)

ISO 2950:2025, Brown coals and lignites - Classification by types on the basis of total moisture mass fraction and tar yield, $56.00

ISO 7404-1:2025, Coal - Methods for petrographic analysis - Part 1: Vocabulary, $84.00

ISO 7404-2:2025, Coal - Methods for petrographic analysis - Part 2: Method of preparing coal samples, $84.00

ISO 7404-3:2025, Coal - Methods for petrographic analysis - Part 3: Method of determining maceral group composition, $84.00

ISO 7404-4:2025, Coal - Methods for petrographic analysis - Part 4: Method of determining microlithotype, carbominerite and minerite composition, $84.00

ISO 7404-5:2025, Coal - Methods for petrographic analysis - Part 5: Method of determining microscopically the reflectance of vitrinite, $127.00

Solid Recovered Fuels (TC 300)

ISO 18708:2025, Solid recovered fuels - Determination of bulk density, $172.00

Surface chemical analysis (TC 201)

ISO 13084:2025, Surface chemical analysis - Mass spectrometries - Calibration of the mass scale for a time-of-flight secondary ion mass spectrometer, $127.00

(TC 334)

ISO 33408:2025, Guidance for the production of pure inorganic substance certified reference materials, $259.00

Textiles (TC 38)

ISO 21701:2025, Textiles -Test method for accelerated hydrolysis of textile materials and biodegradation under controlled composting conditions of the resulting hydrolysate, $84.00

ISO 22786:2025, Textiles - Animal welfare in the supply chain - General requirements for the production, preparation and traceability of cashmere fibre, including ethical claims and supporting information, $172.00

Traditional Chinese medicine (TC 249)

ISO 24049:2025, Traditional Chinese medicine - Aconitum carmichaelii parent root tuber, $84.00

ISO Technical Reports

Road vehicles (TC 22)

ISO/TR 7997:2025, Road vehicles - Control type and layout of transmission gear shifters and drive mode selectors, $259.00

ISO Technical Specifications

Plastics (TC 61)

ISO/TS 25336:2025, Plastics - Thermosetting resin-based materials - Low-temperature cracking index test by embedded metal block method, $84.00

Road vehicles (TC 22)

ISO/TS 5283-1:2025, Road vehicles - Driver readiness and intervention management - Part 1: Partial automation (Level 2), $230.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 8803:2025, Information technology - 3D Printing and scanning - Accuracy and precision evaluation process for modelling from 3D scanned data, $172.00

ISO/IEC 18000-6:2025, Information technology - Radio frequency identification for item management - Part 6: General parameters for air interface communications at 860 MHz to 930 MHz, $84.00

ISO/IEC 23008-6:2025, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 6: 3D audio reference software, $56.00

ISO/IEC 19566-10:2024/Amd 1:2025, - Amendment 1: Information technology - JPEG Systems - Part 10: Reference software - Amendment 1: Additional reference software implementations, $259.00

ISO/IEC TS 33064:2025, Information technology - Process assessment - Process assessment model for safety processes, $172.00

ISO/IEC TS 23220-6:2025, Cards and security devices for personal identification - Building blocks for identity management via mobile devices - Part 6: Mechanism for use of certification on trustworthiness of secure area, $201.00

IEC Standards

Electrical installations of ships and of mobile and fixed offshore units (TC 18)

IEC 60092-352 Ed. 4.0 en:2025, Electrical installations in ships - Part 352: Selection, installation, and operating conditions of cables, $412.00

S+ IEC 60092-352 Ed. 4.0 en:2025 (Redline version), Electrical installations in ships - Part 352: Selection, installation, and operating conditions of cables, $701.00

Electromagnetic compatibility (TC 77)

IEC 61000-4-30 Ed. 4.0 en:2025, Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods, $496.00

IEC 61000-4-30 Ed. 4.0 b:2025, Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods, $496.00

Safety of household and similar electrical appliances (TC 61)

IEC 60335-2-113 Ed. 2.0 en:2025, Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources, $258.00

IEC 60335-2-113 Ed. 2.0 b:2025, Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources, $258.00

IEC 60335-2-113 Ed. 2.0 en:2025 CMV, Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources, $515.00

IEC 60335-2-113 Ed. 2.0 en:2025 EXV, Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources, $1029.00

IEC 60335-2-113-EXV-CMV Ed. 2.0 en:2025 CMV, Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources, $1390.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Children´s rights management

Comment Due Date: December 10, 2025

IST, the ISO member body for Iceland, has submitted to ISO a proposal for a new field of ISO technical activity on Children´s rights management, with the following scope statement:

Standardization in the field of children's rights, to support the implementation of protection rights, provision rights, and participation rights.
Note 1: this TC works to support existing international frameworks, in particular the UN Convention on the Rights of the Child.
Note 2: Where appropriate, this TC will work in cooperation with existing ISO committees on subjects that may support children's rights.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on December 10, 2025.

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.
When organization names are submitted to ANSI for registration, they will be listed here alphanumerically. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, trade associations, U.S domiciled standards development organizations and conformity assessment bodies, consumers, or U.S. government agencies may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify to the WTO Secretariat in Geneva, Switzerland proposed technical regulations that may significantly affect trade. In turn, the Secretariat circulates the notifications along with the full texts. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final. The USA Enquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Enquiry Point relies on the WTO's ePing SPS&TBT platform to distribute the notified proposed foreign technical regulations (notifications) and their full texts available to U.S. stakeholders. Interested U.S. parties can register with ePing to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. The USA WTO TBT Enquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance prior to submitting comments. For non-notified foreign technical barriers to trade for non-agricultural products, stakeholders are encouraged to reach out as early as possible to the Office of Trade Agreements Negotiations and Compliance (TANC) in the International Trade Administration (ITA) at the Department of Commerce (DOC), which specializes in working with U.S. stakeholders to remove unfair foreign government-imposed trade barriers. The U.S. Department of Agriculture's Foreign Agricultural Service actively represents the interests of U.S. agriculture in the WTO committees on Agriculture, Sanitary and Phytosanitary (SPS) measures and Technical Barriers to Trade (TBT). FAS alerts exporters to expected changes in foreign regulations concerning food and beverage and nutrition labeling requirements, food packaging requirements, and various other agriculture and food related trade matters. Working with other Federal agencies and the private sector, FAS coordinates the development and finalization of comments on measures proposed by foreign governments to influence their development and minimize the impact on U.S. agriculture exports. FAS also contributes to the negotiation and enforcement of free trade agreements and provides information about tracking regulatory changes by WTO Members. The Office of the United States Trade Representative (USTR) WTO & Multilateral Affairs (WAMA) office has responsibility for trade discussions and negotiations, as well as policy coordination, on issues related technical barriers to trade and standards-related activities.

Online Resources:
WTO's ePing SPS&TBT platform: https://epingalert.org/
Register for ePing: https://epingalert.org/en/Account/Registration
WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:
https://www.wto.org/english/tratop_e/sps_e/sps_e.htm
WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm
USA TBT Enquiry Point: https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point
Comment guidance:
https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee
NIST: https://www.nist.gov/
TANC: https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc
Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.
Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.
USDA FAS: https://www.fas.usda.gov/about-fas
FAS contribution to free trade agreements: https://www.fas.usda.gov/topics/trade-policy/trade-agreements
Tracking regulatory changes: https://www.fas.usda.gov/tracking-regulatory-changes-wto-members
USTR WAMA: https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade
Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

Modifications to Proposed Addendum c to the

Normative Sections of ANSI/ACCA Manual S – 2023, Addendum a – 2024, and Addendum b – 2024, *Residential Equipment Selection*

Note: The proposed modifications are based on comments received on the first public review dated June 6, 2025.

Additions are shown as underline text and deletions are shown as ~~strikethrough~~.

N1.3 Definitions

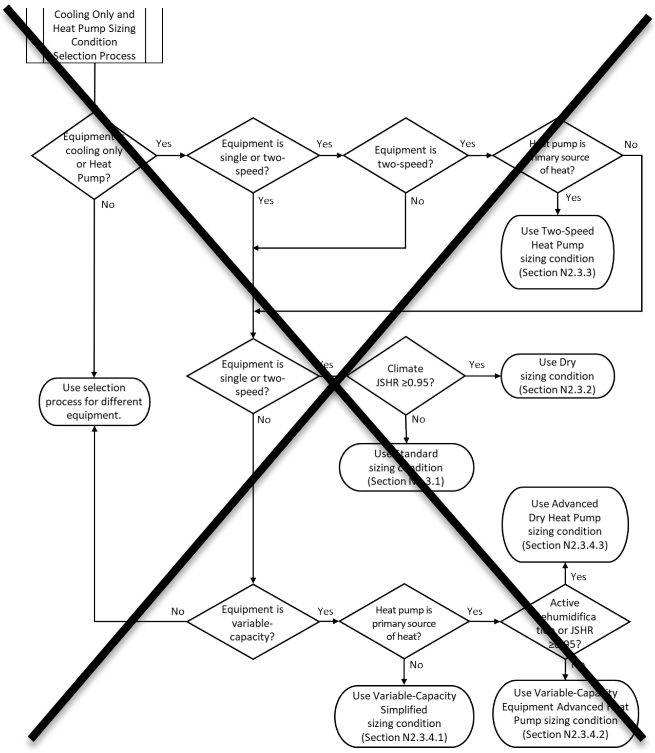
Terminology directly relevant to *equipment* sizing procedures is defined below.

Sizing Condition:

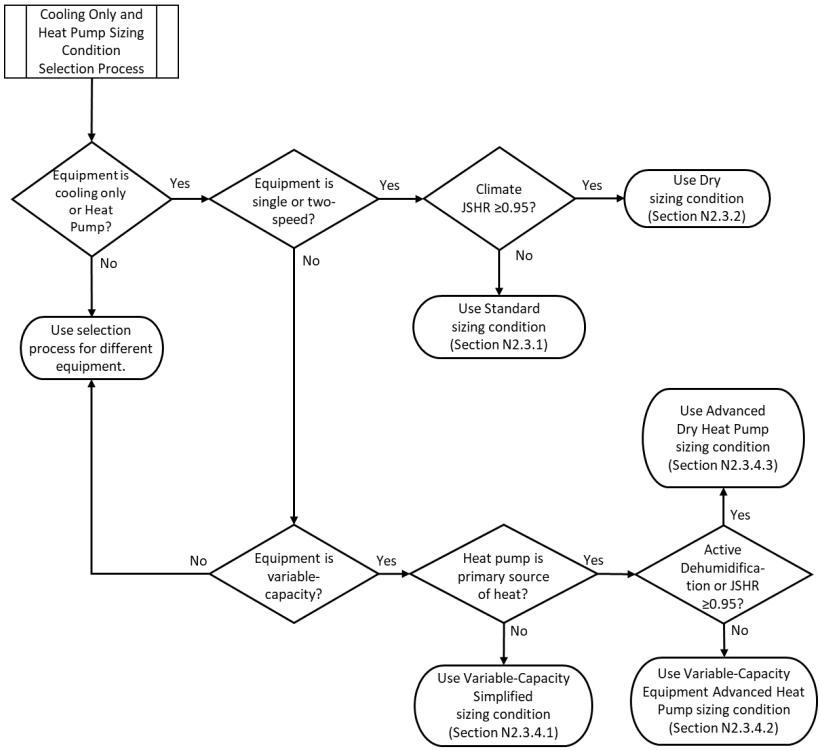
The applicable set of parameters used to find *size limits* based on the *load calculation* and the type of cooling or heat pump *equipment* selected.

- ~~***Two-Speed Heat Pump Heating Sizing Condition**: The parameters used for sizing a two-speed *capacity* heat pump that is the primary source of heat and is installed in climates in which the *JSHR* is 0.95 or greater, or that uses *active dehumidification*.~~

Rationale: The definition is no longer needed, this aligns with the deletion of Section N2.3.3.



~~**Figure 2: *Sizing Condition* Procedure Flowchart**~~



(Revised) Figure 2: *Sizing Condition* Procedure Flowchart

Rationale: Figure 2 is replaced by the modified version to better reflect the requirements and to correct some of the flow indicators. This revision also reflects changes resulting from deletion of Section N2.3.3, please see that section for the associated rationale.

Documentation: **Cooling** or **Heat Pump** Equipment - Standard Sizing Condition				
Type	AC / HP	Compressor	Single- Two-Speed	
Medium			Air-Air Water-Air	
Size Condition:			Standard	
Outdoor Unit Model Number				
Indoor Unit Model Number				
Single-Speed Equipment				
Total Cooling Load Less Than or Equal to 24,000 BTU/h				
Size Factor		Size Limit		
Total Cooling:		Maximum:	1.20	
		Minimum	0.90	
Sensible Cooling:		Minimum:	0.90	
Latent Cooling:		Minimum:	1.00	
Total Cooling Load More Than 24,001 BTU/h				
Size Factor		Size Limit		
Total Cooling:		Maximum:	1.15	
		Minimum:	0.90	
Sensible Cooling:		Minimum	0.90	
Latent Cooling:		Minimum:	1.00	
Two-Speed Equipment				
Size Factor		Size Limit		
Total Cooling:		~~Total Cooling~~ Maximum:	1.25 ~~0.90~~	
		Minimum	0.90	
Sensible Cooling:		~~Sensible Cooling~~ Minimum	0.90	
Latent Cooling:		~~Latent Cooling~~ Minimum:	1.00	

Table N1.16.2.1

Rationale: The proposed changes are to correct the size limit format for two-speed equipment to reflect the correction of the term minimum compressor cooling size factor.

2. Cooling and Heat Pump Equipment: Dry Sizing Condition Documentation.

For the *dry sizing condition*, provide the *total cooling capacity / total cooling load plus 6,000 BTU/h*, ~~*size factor*~~, *sensible cooling size factor, and latent cooling size factor*, ~~and for t~~ Two-speed heat pumps shall provide, ~~the~~ ~~*maximum*~~ *minimum compressor cooling size factor*.

Documentation: **Cooling** or **Heat Pump** Equipment – Dry Sizing Condition				
Type	AC / HP	Compressor	Single- Two-Speed	
Medium			Air-Air Water-Air	
Size Condition:			Dry	
Outdoor Unit Model Number				
Indoor Unit Model Number				
Single-Speed Equipment				
Size Factor			Size Limit	
Total Cooling / Total Cooling Load + 6,000 BTU/h:			Maximum:	~~≤~~ 1.00
			Minimum:	0.90
Total Cooling			Minimum	0.90
Sensible Cooling:			Minimum:	0.90
Latent Cooling:			Minimum:	1.00
Two-Speed Equipment				
Size Factor			Size Limit	
Min. Compressor Cooling:			~~Minimum~~ Maximum	~~0.87~~ 1.15
Sensible Cooling:			Minimum:	0.90
Latent Cooling:			Minimum:	1.00

Table N1.16.2.2

Rationale: The proposed changes are to correct the name of the minimum compressor size factor in the text and the Total Cooling Load plus 6,000 BTU/h. In addition this corrects the two-speed size limit from minimum to maximum, and deletes the "≤" symbol, it is unnecessary as the value is specified as a maximum.

~~**3. Two-Speed Heat Pump Heating Sizing Condition Documentation.**~~

~~For the *two-speed heat pump sizing condition*, provide the total cooling size factor, sensible cooling size factor, and latent cooling size factor, *minimum compressor cooling size factor, heating size factor, minimum compressor heating size factor*, and the *heating size factor (47°F).*~~

~~Documentation: Two-Speed Heat Pump Equipment~~				
~~Type~~	~~AC / HP~~	~~Compressor~~	~~Two Speed~~	
~~Medium~~			~~Air-Air Water-Air~~	
~~Size Condition:~~			~~Two Speed~~	
~~Outdoor Unit Model Number~~				
~~Indoor Unit Model Number~~				
~~Two Speed Equipment~~				
~~Size Factor~~			~~Size Limit~~	
~~Min. Compressor Cooling:~~			~~Maximum:~~	~~0.80~~
~~Heating:~~			~~Maximum:~~	~~1.20~~
~~Min. Compressor Heating:~~			~~Maximum:~~	~~0.80~~
~~Heating at 47°F~~ ~~Heating (47° F)~~			~~Maximum~~	~~1.50~~

~~Table N1.16.2.3~~

Rationale: See the rationale for the deletion of Section N2.3.3, which results in the corresponding deletion of this section.

5. **Variable-Capacity: Advanced Sizing Condition Documentation.**

For the *variable-capacity heat pump equipment advanced heat pump sizing condition*, provide the *minimum compressor cooling size factor*, ~~, and~~ *minimum compressor latent cooling size factor*, *heating size factor*, and the *minimum compressor heating size factor*.

For the *variable-capacity heat pump equipment advanced heat pump dry sizing condition*, provide the *minimum compressor cooling size factor, heating size factor,* ~~and the~~ *minimum compressor heating size factor*, and the *heating size factor (47°F)*.

Rationale: The proposed changes correct grammar and align the text with the requirements listed in the table.

Documentation: Variable-Capacity **Heat Pump** Equipment – Advanced Sizing Conditions				
Type	HP	Compressor	Variable Capacity	
Medium			Air-Air Water-Air	
Size Condition:			Advanced Advanced Dry	
Outdoor Unit Model Number				
Indoor Unit Model Number				
Advanced Sizing Condition				
Size Factor			Size Limit	
Min. Compressor Cooling			Maximum:	0.80
Min. Compressor Latent Cooling			Minimum:	1.00
Heating Size Factor			Minimum:	1.00
Min. Compressor Heating			Maximum:	0.80
Advanced Dry Sizing Condition JSHR > 0.95 or with Dehumidification				
Size Factor			Size Limit	
Min. Compressor Cooling			Maximum:	0.80
Heating Size Factor			Minimum:	1.00
Min. Compressor Heating			Maximum:	0.80
~~Heat Pump~~ Heating Size Factor ~~Capacity at~~ (47°F)			Maximum	1.50

Table 1.16.2.5

Rationale: The proposed changes correct Table 1.16.2.5 to reflect the requirements in Section 1.16.2.5.

N2.3.2 ***Dry Sizing Condition – Size Limits***

2. For two-speed *equipment*:
   A. The *minimum compressor cooling size factor* shall not exceed 1.15, and
   B. The sensible cooling size factor shall be equal to or greater than 0.90, and
   C. The latent cooling size factor shall be equal to or greater than 1.00.
   D. For heat pump equipment with insufficient heat pump heating capacity to meet the heating load, see the procedure in Section N2.4.1 for electric supplemental heat or Section N2.5 for fuel-fired equipment.

Dry Sizing Condition **Air Conditioners and Heat Pumps Air-Air or Water-Air** JSHR ≥ 0.95
Single-Speed *Equipment*
Total Cooling Capacity / (*Total Cooling Load* + 6,000 BTU/h) ≤ 1.00
Total Cooling Size Factor ≥ 0.90
Sensible Cooling Size Factor ≥ 0.90
Latent Cooling Size Factor ≥ 1.00
Two-Speed *Equipment*
Minimum Compressor Cooling Size Factor ≤ 1.15
Sensible Cooling Size Factor ≥ 0.90
Latent Cooling Size Factor ≥ 1.00

1. The *dry sizing condition* requires a Manual J *sensible heat ratio* (JSHR) of 0.95 or greater. The Manual J *sensible heat ratio* is the *sensible cooling load* divided by the *total cooling load*.
2. For single-speed *equipment,* the *size limits* are based on cooling capacities:
   a. The *total cooling capacity* divided by the cooling load plus 6,000 BTU/h must be 1.00 or less, and
   b. The *total cooling size factor* shall be equal to or greater than 0.90, and
   c. The *sensible cooling capacity* divided by the sensible cooling must be at least 0.90, and
   d. The latent *capacity* divided by the *latent load* must be 1.00 or greater.
3. For two-speed *equipment,* the *size limits* are based on cooling capacities:
   a. The minimum speed *total cooling capacity* divided by the cooling load must be 1.15 or less, and
   b. The *sensible cooling capacity* divided by the *sensible cooling load* must be at least 0.90, and
   c. The latent *capacity* divided by the *latent load* must be 1.00 or greater.
4. For heat pump equipment with insufficient heat pump heating capacity to meet the heating load, see the procedure in Section N2.4.1 for electric supplemental heat or Section N2.5 for fuel-fired equipment.

Table N2.3.2

Rationale: Section 2.3.2.2.D revises the requirement to ensure that heat pumps with insufficient heat and 3 were removed to reduce complexity.

~~2.3.3 Two-Speed Heat Pump~~

~~For two-speed heat pump *equipment* only, Table N2.3.3 provides the heating size limits for *heat pump heating capacity*, and *minimum compressor capacity*.~~

1. ~~The *minimum compressor cooling capacity size factor* shall be less than or equal to 0.80, and~~
2. ~~The heat pump *heating size factor* shall not exceed 1.20, and~~
3. ~~The *minimum compressor heating size factor* shall be less than or equal to 0.80, and~~
4. ~~The *heat pump heating capacity* at 47°F divided by the *heating load* at the winter design condition shall be less than or equal to 1.50.~~
5. ~~For heat pump *equipment* with insufficient *heat pump heating capacity* to meet the *heating load*, see the procedure in Section N2.3.1.4 for supplemental heat.~~

~~*Two-Speed Heat Pump - Heating Size Limit*~~ ~~**Two-Speed Heat Pumps Only Air-Air or Water-Air**~~
~~**Two-Speed *Equipment***~~
~~Dry Sizing Condition - Two-Speed Equipment Heat Pump Standard Cooling Requirements Apply~~
~~*Heating Size Factor* ≤ 1.20~~
~~*Minimum Compressor Heating Size Factor* ≤ 0.80~~
~~*Heating Size Factor (47°F)* ≤ 1.50~~
1. ~~The *two-speed heat pump sizing condition* requires a Manual J *sensible heat ratio* of 0.95 or greater, or *active dehumidification*. The Manual J *sensible heat ratio* is the cooling sensible load divided by the *total cooling load*.~~ 2. ~~*Size limits:*~~ a. ~~The ratio of the minimum compressor speed cooling *capacity* to the *total cooling load* shall be less than or equal to 0.80, and~~ b. ~~The ratio of the *heat pump heating capacity* to the *heating load* must not exceed 1.20, and~~ c. ~~*Heat pump heating capacity* at 47°F divided by the *heating load* shall be less than or equal to 1.50.~~ 3. ~~For heat pump *equipment* when *heat pump heating capacity* is insufficient to meet the *heating load*, then supplemental heat shall be required. The *size limit* shall be in compliance with Section N2.3.1.4.~~

~~**Table N2.3.3**~~

Rationale: Section 2.3.3 was removed to reduce complexity. This section was originally intended to provide a path to size a two-speed heat pump when it would be the only heat source. The term "only" was eventually modified to "primary" to allow supplemental heat to be added. This change provided a smoother path for adoption of heat pumps by providing an additional heat source to be available if needed. However, the change from "only" to "primary" removed the need for the above alternate path under 2.3.3. Designers who choose heat pumps in "humid" climates with a JSHR <.0.95 have a pathway to size a two-speed heat pump as do designers in dry climates, JSHR >0.95. Therefore, retaining this section would have been redundant and would add unnecessary complexity in markets that already have suitable paths for their use. Removing this section also simplifies the standard which will aid in its adoption and implementation.

BSR/ASHRAE Addendum r
to ANSI/ASHRAE Standard 62.2-2025

Public Review Draft

Proposed Addendum r to Standard 62.2-2025, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Second Public Review (September 2025)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This proposed addendum would broaden the scope of Standard 62.2 to cover spaces adjacent to dwelling units that are not covered by other ASHRAE standards (i.e., ASHRAE Standard 62.1 or ASHRAE/ASHE Standard 170). Adjacent spaces that are outside the dwelling unit, such as crawl spaces or attics, may impact the indoor air quality within the dwelling unit. By adding these spaces to the scope of Standard 62.2, addenda could be proposed that would add requirements for these adjacent spaces to improve the indoor air quality in the dwelling unit.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum r to 62.2-2025

Revise Section 2 Scope as shown below.

1. PURPOSE

This standard defines the roles and minimum requirements for mechanical ventilation and natural ventilation systems and other measures intended to provide acceptable indoor air quality (IAQ) in individual dwelling units.

2. SCOPE

This standard applies to dwelling units in residential occupancies in which the occupants are nontransient.

2.1 This standard includes requirements for the following spaces adjacent to dwelling units: attached garages that are not covered by ANSI/ASHRAE Standard 62.1, attics, crawl spaces, basements, and cellars.

2.2~~2.1~~ This standard considers chemical, physical, and biological contaminants that can affect air quality. Thermal comfort requirements are not included in this standard.

Informative Note: See ANSI/ASHRAE Standard 55, *Thermal Environmental Conditions for Human Occupancy*, for thermal comfort requirements.

2.3~~2.2~~ While acceptable IAQ is the goal of this standard, it will not necessarily be achieved, even if all requirements are met

a. because of the diversity of sources and contaminants in indoor air and the range of susceptibility in the population;
b. because of the many other factors that may affect occupant perception and acceptance of IAQ, such as air thermal environment, acoustical environment, visual environment, and psychological factors;

c. if the ventilation air is unacceptable and this air is brought into the dwelling unit without first being cleaned;
d. because of contaminant transport from adjacent spaces;
e. if the system or systems are not operated and maintained as designed; or
f. when high-polluting events occur.

2.4~~2.3~~ This standard does not claim to achieve acceptable IAQ in buildings in which smoking is permitted.
Informative Note: See the ASHRAE Position Document on Environmental Tobacco Smoke (ETS) for more information on ETS in buildings.

C3.4M/C3.4:202X, Specification for Torch Brazing

All substantive revisions from the previous public review that are being made to the next edition of the C3.4M/C3.4:202X specification are listed below in yellow highlight. These items have previously been approved individually through the AWS C3 Committee on Brazing and Soldering. Additional editorial changes may be included in the next edition during the final publication stages.

5.4.10 Brazing Cycle. The BPS shall document the amount and duration of heat input (e.g., the gas flow rate, gas ratios, nozzle diameter, and torch related parameters, etc.) required. Braze joint quality resulting from the process parameter control is assessed by the filler metal wetting and flow and any testing required by the design. The heating and cooling shall be controlled to prevent distortion and any mechanical damage to the hardware. Brazements shall be cooled in such a manner that cracking of the brazing filler metal or base metal is avoided.

5.5 Brazing Procedure Specification (BPS) Qualification. Torch brazing procedures shall be qualified to establish the properties that are expected to result from its application to production brazements. The conditions used in making the test brazement (if required) or production assemblies, and the results of the required examination, shall be documented. Brazing procedures and performance shall be qualified in accordance with AWS B2.2/B2.2M, *Standard for Brazing Procedure and Performance Qualification*, or an acceptable equivalent alternate procedure which has been approved by the OHQR. If multiple brazing cycles are required for product fabrication, then all cycles shall be so qualified, documented, and approved. Prior to use, any modification of the approved procedure(s) shall be approved in writing.

ANSI/ICE 1100-20XX, Standard for Assessment-Based Certificate Programs

(revision of (revision of ANSI/ICE 1100-2019)

Second Public Review (October 2025) Proposed Independent Substantive Changes to Previous Public Review Draft

Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by red (for additions) and ~~strikethrough~~ (for deletions). Only these changes to the previous draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Revise Section 3.4 as follows:

3.4 Fairness and Accessibility Policies and Procedures: The ABC provider's policies and procedures shall be fair, equitable, and shall state how they provide access~~ible~~ to eligible applicants and participants in both substance and implementation. The ABC provider shall ~~comply with all applicable legal requirements, including providing~~ provide access to applicants and participants who meet the eligibility criteria, including addressing applicable legal requirements.

Revise Standard 6 as follows:

6 Development~~, Conduct,~~ and ~~Evaluation~~ Delivery of the Summative Assessment(s) ~~leading to Issuance of Pass/Fail Decision(s)~~

The ABC provider shall conduct summative assessment(s) that measure ~~of~~ participants' accomplishment of the intended learning outcomes. ~~and~~ The provider shall ensure that the procedures used to develop and deliver ~~conduct~~ the summative assessment(s) leading to issuance of Pass/Fail decision(s) ~~and to evaluate/score participants' performance~~ are consistent with the intended use of the ABC. The procedures used to evaluate/score participants' performance shall also be consistent with the intended use of the ABC. ~~If the program has more than one summative assessment, each summative assessment shall be in compliance with the Essential Elements.~~

Revise Section 6.6 as follows:

6.6 Establishment of the Pass/Fail Decision: The ABC provider shall identify a performance, proficiency, or passing standard for the summative assessment(s) that participants shall achieve to be issued the certificate.

The method(s) used for setting the performance, proficiency, or passing standard shall demonstrate that the standard reflects the expected performance of a participant who has achieved the intended learning outcomes and considers the difficulty of the summative assessment(s).

Documentation shall identify the subject matter experts ~~number of individuals~~ involved in the pass/fail decision process, provide a rationale for the method(s), and describe any other resources considered.

Revise Section 6.8 as follows:

6.8 Comparability of Forms: If multiple forms (versions) of the summative assessment are used, ~~T~~the ABC provider shall ensure the comparability of different forms ~~(versions) (if any)~~ of the assessment(s) with respect to content coverage and the equivalence of the performance standards. ~~overall difficulty of the summative assessment (i.e., the questions on comparable 9 of 11 versions of an assessment(s) cover the same knowledge areas and have the same overall difficulty).~~ The forms shall meet the summative assessment blueprint and shall ensure that candidates are not advantaged or disadvantaged by taking different forms of the assessment.

BSR/UL 746C, Standard for Safety for Polymeric Materials – Use in Electrical Equipment Evaluations)

1. Addition of Exposure and Evaluation Requirements for Polymeric Materials Exposed to UVC for UV Germicidal Irradiation (UVGI) Purposes as new Sections 25A and 57A

PROPOSAL

25 Ultraviolet Light Weathering or Solar Exposure

Table 25.1
Minimum property retention limitations after ultraviolet light (includes both weathering and UV-C) and water immersion conditioning

Property	Ultra-violet light[a]	Water immersion[b]
Flammability Classification	Unchanged	Unchanged
Tensile or Flexural Strength[c, e]	70 Percent	50 Percent
Tensile, Izod or Charpy Impact[c, e]	70 Percent	50 Percent
Tensile Strength and Elongation[d, e]	70 Percent	50 Percent

[a] 1000 hours xenon-arc exposure. (See 57.1.1 – 57.2.5 or 1000 hours UV-C exposure (See 57A.1.1 – 57A.2.5).

[b] 7 days at 70°C. See 58.1.

[c] For functional support, the test methods are tensile strength and flexural strength. For Impact Resistance the test methods are Tensile, Izod, or Charpy impact. See Table 57.1.

[d] Alternate testing per 25.3 and 26.1.3 for deformation resistance, the test method is tensile strength and elongation.

[e] The same test method shall be chosen for all exposures (both UV and Water exposure evaluations, as applicable) and for all colors evaluated.

25A Ultraviolet Light Germicidal Exposure (UV-C)

25A.1 UV-C radiation helps to sterilize materials by killing germs and pathogens. Low pressure mercury lamps that are capable of emitting UV-C light at a single wavelength of 254 nm are widely deployed in commercial ultraviolet germicidal irradiance (UVGI) systems that are used for sterilization. During such exposures to UV-C radiation, plastics that are evaluated in accordance with the requirements of the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94, can degrade.

25A.2 A polymeric material that will be exposed to a UV-C source shall be resistant to degradation based on the tests described in 57A.1.1 – 57A.2.7.

25A.3 Table 25.1 includes the minimum property retention limitations after UV-C exposure conditioning for base samples of the material and any colors under consideration. The flammability classification of the material shall not be reduced because of 1000 hours of UV-C exposure conditioning (as referenced in Standard Practice for Operating UVC Lamp Apparatus for Exposure of Materials, ASTM G224). The average physical property values after UV-C conditioning shall not be less than 70 percent of the unconditioned value when the standardized small-scale physical tests indicated in Table 25.1 are performed.

25A.4 If the material:

a) Has a thickness less than 0.25 mm (0.01 inch); or

b) Is a vulcanized rubber; or

c) Is a thermoplastic elastomer (typically used as non-enclosure or part of the enclosure),

the impact testing mentioned in Table 25.1 shall be waived and alternatively testing shall be performed for deformation resistance.

Exception: Where it is not practical to conduct the Tensile, Izod, or Charpy impact test using the standard specimens, the Gardner Impact Test as specified in Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimens by Means of a Striker Impacted by a Falling Weight (Gardner Impact), ASTM D5420, may be performed on representative sections of the equipment enclosure.

57 Ultraviolet Light Exposure Test (for Weathering or Solar Exposure)

57A Ultraviolet Light Germicidal Exposure Test (UV-C)

57A.1 Apparatus

57A.1.1 Using standard test procedures, property values for the material are to be determined both before and after the conditioning as described in 57A.1.2.

57A.1.2 Specimens are to be exposed to UV-C light, a low-pressure mercury lamp apparatus in accordance with the Standard Practice for Operating UVC Lamp Apparatus for Exposure of Materials, ASTM G224. The specimens shall be exposed in accordance with Appendix X2, Table X2.1, Cycle 5 of ASTM G224, consisting of 1.0 mW(cm^2·nm) irradiance (at 254 nm) and a black panel temperature of 35 ±3°C (95 ±5°F).

57A.2 Method

57A.2.1 The specimens as indicated in the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A, and the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94, are to be mounted in the apparatus, with the width of the specimens facing the light source and not touching each other.

Exception No. 1: For flexural strength specimens the UV-C exposed side is to be in contact with the two points when using the three-point loading method.

Exception No. 2: Izod impact specimens are to be notched prior to UV-C conditioning with the direction of UV-C exposure towards the notch.

Exception No. 3: Unnotched impact specimens are to be mounted in the test fixture in such a way that the UV-C exposed side faces the striking edge of the pendulum for vertical orientation of the specimen and is opposite to the striking edge of the pendulum for horizontal orientation of the specimen.

57A.2.2 All the specimen sets shall be exposed in the UV-C apparatus for a period of 1000 hours for a resulting UV-C dose of 3600 J/cm^2 (3.6 x 10^{10} mW.s/m^2). After the test exposure, the specimens are to be:

a) Removed from the test apparatus:

b) Examined for signs of deterioration such as crazing or cracking; and

c) Retained under conditions of ambient room temperature and atmospheric pressure

for not less than 16 hours, nor more than 30 days, before being subjected to flammability and physical tests. Those specimens that have not been exposed to UV-C exposure are to be preconditioned in accordance with Standard Practice for Conditioning Plastics for Testing, ASTM D 618, or Plastics – Standard atmospheres for conditioning and testing, ISO 291, at 23 ±2°C (73 ± 4°F) and 50 ±10 percent relative humidity for a minimum of 48 hours and are to be subjected to flammability and physical tests and the results obtained are compared against the specimens that have undergone UV-C exposure.

57A.2.3 Tensile or flexural strength and flammability tests are to be conducted on specimens produced at the minimum thickness. The results of Tensile, Izod or Charpy Impact testing of standard specimens in the nominal 3 mm/4 mm (0.12 inch/0.16 inch) thickness can be considered representative of the testing of a reduced thickness provided the non-impact testing at the minimum thickness complies with the requirements of Table 25.1.

57A.2.4 Flammability tests are to be conducted on standard specimens representative of the minimum thickness for each unique flammability classification.

57A.2.5 If a material is to be considered in a range of colors, flammability and physical property specimens representing:

a) The natural pigments;

b) The highest level of organic pigments;

c) The highest level of inorganic pigments; and

d) Any color pigments known to get affected after exposure to UV-C radiation,

they are to be tested and considered representative of the entire color range.

57A.2.6 Where it is not practical to conduct tests using the standardized small-scale impact-test specimens, the Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimens by Means of a Striker Impacted by a Falling Weight (Gardner Impact), ASTM D5420, may be performed on representative sections of the enclosure as an alternative for tests conducted on tensile, Izod or Charpy impact specimens.

57A.2.7 The value of Mean Failure Energy (MFE) before and after UV exposure is used to determine compliance with the impact property requirements of Table 25.1.