ANSI STANDARDS ACTION

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

VOL. 56, NO. 28 JULY 11, 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.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 054-202x, Standard for Quality Control Programs in Forensic Toxicology Laboratories (revision of ANSI/ASB Std 054-2021)
Stakeholders: Forensic toxicology community, law enforcement, attorneys, and courts.

Project Need: This document provides a minimum standard of practice for quality control programs in the field of forensic toxicology. A comprehensive quality control program provides confidence in test results and demonstrates a method's continued fitness for its intended use.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This document establishes minimum requirements for quality control practices in forensic toxicology laboratories. The document addresses the selection and handling of reference materials, preparation of calibrator and control samples, and requirements for their use in assays. The document also sets requirements for reviewing and monitoring quality control data. This standard applies to laboratories performing forensic toxicological testing in the following sub-disciplines: postmortem toxicology, human performance toxicology, non-regulated workplace drug testing, court-ordered toxicology testing, and general forensic toxicology. It does not apply to breath alcohol toxicology.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

New Standard

BSR X9.154-202x, Tokenization for Financial Services (new standard)
Stakeholders: Stakeholders include developers, hardware and software product manufacturers, service providers, payment systems, healthcare systems, assessors, auditors, and regulators.

Project Need: The scope of tokenization for financial services has expanded beyond just the primary account number (PAN) and tokenization methods including Format Preserving Encryption (FPE) and other cryptographic mechanisms have significantly matured. Moreover, the previous restrictions for post-authorization tokenization are no longer applicable. While the original X9.119-2 has value to financial services and will be renewed, there is a need for a cryptographic tokenization standard from scratch. This new work will eventually replace the existing X9.119-2 but will no longer be part of the original X9.119 Protection of Sensitive Payment Card Data standard.

Interest Categories: Consumer, General Interest, Producer

This standard will address cryptography and tokenization requirements for generating, verifying, recovering, converting, and terminating tokenized information. Tokenization methods will include and expand on the current methods described in X9.119-2 and address enhanced tokenization methods. Cryptography will include entropy, algorithms, key management lifecycles, and both data and token management lifecycles, for each tokenization method. This standard will reference other X9, ISO, NIST, IETF and other industry standards where appropriate. This standard will address post-quantum cryptography (PQC), alternative quantum technologies, and cryptographic agility for tokenization systems.

ASTM (ASTM International)

Lauren Daly <accreditation@astm.org> | 100 Barr Harbor Drive | West Conshohocken, PA 19428-2959 www.astm.org

New Standard

BSR/ASTM WK95469-202x, New Test Method for Evaluating the Performance of Screens in Protecting Windows and Doors (new standard)
Stakeholders: External Fire Exposures Industry

Project Need: A standard test method to evaluate the performance of screens in resisting radiant heat and ember exposures when a home is threatened by wildfire does not exist. Potential use by building code officials and window and door manufacturers.

Interest Categories: Producer, User, General Interest

Evaluate the ability of screens to protect building components and the building from ember and flaming exposures.

ASTM (ASTM International)

Lauren Daly <accreditation@astm.org> | 100 Barr Harbor Drive | West Conshohocken, PA 19428-2959 www.astm.org

New Standard

BSR/ASTM WK95477-202x, New Test Method for Evaluating the Vulnerability of Decks to Embers (new standard)
Stakeholders: External Fire Exposures Industry

Project Need: Wind-blown embers have been shown to be the major cause of home and building ignitions during a wildfire. Decks close to a home or building, if ignited by embers, can result in fire spreading to the home or building. Currently, a standard test method to evaluate the potential vulnerability of decks to an ember exposure is not available.

Interest Categories: Producer, User, General Interest

Develop a test method to determine if decks are vulnerable to ignition from embers than can land on top of a deck when a building is threatened by a wildfire.

ATIS (Alliance for Telecommunications Industry Solutions)

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

Revision

BSR/ATIS 0100523-202x, PTSC Telecom Glossary (revision of ANSI/ATIS 0100523-2019)
Stakeholders: Telecom

Project Need: This resource is in need of updates to stay current with the industry.

Interest Categories: General interest, producer, user

The purpose of this standard is to aid interdisciplinary technical communications, and to disseminate the advances in communications technologies benefiting users, vendors, researchers, and developers. Additionally, this standard provides an authoritative source of definitions for standards developers, teachers, technical writers, and all who are active in the telecommunications field.

ATIS (Alliance for Telecommunications Industry Solutions)

Kayla Goldfarb <kgoldfarb@atis.org> | 1200 G Street, NW Suite 500 | Washington, DC 20005 www.atis.org

Revision

BSR/ATIS 0300251-202x, Structure for the Representation of Service Providers for Information Exchange (revision of ANSI/ATIS 0300251-2020)
Stakeholders: Communications Industry

Project Need: This standard needs to be revised to update Maintenance Agent and incorporate supplement document into primary document.

Interest Categories: General interest, user, producer

This standard defines the format and structure of data elements necessary to provide a structure for the representation of service providers for information exchange.

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA HGV 4.3.5-202x, Test methods for high-flow hydrogen fuelling parameter evaluation (new standard)
Stakeholders: Consumers, manufacturers, gas suppliers, automotive OEMs, certification agencies, and regulatory authorities.

Project Need: To update the current binational standard to include requirements for high-flow fuelling.

Interest Categories: Consumers, manufacturers, regulators, and users

This Standard specifies the minimum testing requirements for verifying the fuelling protocols specified in SAE J2601/5 and the communications protocols in SAE J2799. This Standard applies to dispensing systems, referred to as “dispensers”, designed to fill vehicle storage systems in accordance with SAE J2601/5.

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA Z83.29-202x, Direct Gas-Fired Circulating Heaters for Agricultural Animal Confinement Buildings (same as CSA Z83.29) (new standard)
Stakeholders: Certification manufacturers and the animal husbandry industry

Project Need: LC 2 will be removed from circulation; this updated standard would correct unintentional omissions as well as updated technical requirements for animal confinement buildings. This proposed New Standard is being developed at the request of the Technical Committee and Technical Subcommittee.

Interest Categories: - Consumer/User Interest;
- Government Agency;
- General Interest;
- Gas Supplier;
- Manufacturers;
- Research and Testing

This Standard applies to newly produced direct gas-fired circulating heaters (see Clause 3, Definitions) of 400,000 Btu (117 228 W) or less, hereinafter referred to as heaters, constructed entirely of new, unused parts and materials and primarily intended for permanent installation with a fixed piping system in Agricultural Animal Confinement Buildings (see Clause 3, Definitions). All the products of combustion generated by the heater are released into the area being heated. These requirements apply to heaters having a gas supply pressure rating not exceeding 1/2 psi (3.45 kPa) at the gas inlet of the heater.

ECIA (Electronic Components Industry Association)

Laura Donohoe <ldonohoe@ecianow.org> | 13873 Park Center Road, Suite 315 | Herndon, VA 20171 www.ecianow.org

National Adoption

BSR/EIA 60384-9-202x, Fixed capacitors for use in electronic equipment - Part 9: Sectional specification - Fixed capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-9:2024 and revision of ANSI/EIA 60384-9-2017)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Adopt identical ISO or IEC standard and revise current American National Standards.

Interest Categories: User, Producer, General Interest

This part of IEC 60384 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 2), intended for use in electronic equipment, including leadless capacitors but excluding fixed-surface-mount multilayer capacitors of ceramic dielectric, which are covered by IEC 60384-22 (Class 2). Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

ECIA (Electronic Components Industry Association)

Laura Donohoe <ldonohoe@ecianow.org> | 13873 Park Center Road, Suite 315 | Herndon, VA 20171 www.ecianow.org

Reaffirmation

BSR/EIA 60384-3-2017 (R202x), Fixed capacitors for use in electronic equipment - Part 3: Sectional specification - Surface mount fixed tantalum electrolytic capacitors with solid (MnO2) electrolyte (reaffirmation of ANSI/EIA 60384-3 -2017)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current American National Standard

Interest Categories: User, Producer, General Interest

This part of IEC 60384 applies to fixed tantalum electrolytic surface mount capacitors with solid (MnO2) electrolyte primarily intended for d.c. applications for use in electronic equipment. These capacitors are primarily intended for use in electronic equipment to be mounted directly on substrates for hybrid circuits or to printed boards. Capacitors for special-purpose applications may need additional requirements. The following two styles are considered:
- Style 1: Capacitors protected with external materials;
- Style 2: Capacitors unprotected with external materials.

MSS (Manufacturers Standardization Society)

Stefania Adjei <standards@msshq.org> | 441 N. Lee Street | Alexandria, VA 22314 www.mss-hq.org

Revision

BSR/MSS SP-122-202x, Plastic Industrial Ball Valves (revision of ANSI/MSS SP-122-2017)
Stakeholders: Paper, Chemical, Petro-chemical, Hydroelectric power, and Fossil fuel power valve and fittings systems.

Project Need: This Standard Practice encompasses the following requirements:
(a) Materials of Construction;
(b) Pressure-Temperature Ratings and Design Requirements;
(c) Laying Length Dimensions;
(d) Safety Features;
(e) Port Size;
(f) Actuator Application Requirements;
(g) Production Tests;
(h) Markings

Interest Categories: Paper, Chemical, Petro-chemical, Hydroelectric power, and Fossil fuel power valve and fittings systems.

This Standard Practice establishes requirements for plastic industrial ball valves in nominal pipe sizes (NPS) 1/2 through NPS 6, designed for general industrial systems for the distribution of pressurized liquids that are chemically compatible with the piping material. It reflects the industry practice for the design, manufacture, and application of these valves.

NICA (National Infusion Center Association)

Kaitey Morgan <kaitey.morgan@infusioncenter.org> | 3307 Northland Drive, Suite 160 | Austin, TX 78731 https://infusioncenter.org/

Revision

BSR/NICA V3-202x, Standards of Excellence for Ambulatory Infusion Centers (revision of ANSI/NICA V2-2022)
Stakeholders: Healthcare providers, including licensed clincians, unlicensed assistive personnel and administrations/operations support staff involved with furnishing provider-administered medications; consumers (patients)

Project Need: With the robust pipeline of specialty medications coming to market, as well as an explosion in the number of “med-spas” and “hydration clinics”, it is no longer reasonable to expect consistent quality of care across the national infusion delivery channel. There is currently no regulatory body responsible for developing or enforcing best practices or standards of care. Parenteral treatments carry inherent risks even if the agent being administered is entirely benign; however, many of the products being administered in these settings are complex biological products with potential for significant adverse effects. NICA believes that standardization in quality of care is necessary to support continued patient safety and responsible expansion of the delivery channel.

Interest Categories: Physician office providers, free-standing infusion center providers, membership associations, consumers, general interest

To promote patient safety, consistent quality of care, and establish foundational standards of practice, NICA will develop the second edition of Standards of Excellence for Ambulatory Infusion Centers, specifically applicable to the administration of non-hazardous provider-administered medication in non-acute clinical settings.

SPRI (Single Ply Roofing Industry)

Cindy Tulimieri <info@spri.org> | 60 Hickory Drive | Waltham, MA 02451 www.spri.org

Revision

BSR/SPRI FX-1-202x, Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners (revision of ANSI/SPRI FX-1-2021)
Stakeholders: Architects, specifiers, roofing system and component manufacturers, contractors

Project Need: Review and recanvass as per SPRI procedures

Interest Categories: Users, General Interest, Producer, Other Producer

This standard provides procedures used in the field to test the pullout resistance of all types of fasteners. The data developed from these tests provide the roof system manufacturer, design professional, and other practioners with pullout resistance values for the specific fastener installed into the load resisting material of the deck.

TIA (Telecommunications Industry Association)

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

New Standard

BSR/TIA 455-98-B-202x, FOTP-98 - Fiber Optic Cable External Freezing Test (new standard)
Stakeholders: Telecom, optical fiber manufacturers, optical cable manufacturers, developers, users

Project Need: Create a new American National Standard

Interest Categories: User, Producer, and General Interest

The intent of this test procedure is to simulate the effect of ice (Method A) or the crush force caused by ice (Method B) on Fiber Optic Cables. The primary purpose of this procedure is to measure any variation in optical power transmittance of a fiber optic cable when the cable is subjected to the potentially destructive forces of frozen water (ice) external to the cable jacket. A secondary purpose is to evaluate the possibility of physical damage that may occur as a result of such exposure.

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: August 10, 2025

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

ASHRAE Addendum i to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
This addendum clarifies that the italicized terms in Section 4 and 5 are also defined terms and should be considered as such. Additionally, this addendum brings clarity to the refrigerating system classification in Section 5 by clarifying double indirect systems as double indirect open spray systems and adding indirect vented closed systems to the list of low-probability systems.
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

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

ASHRAE Addendum o to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
This addendum revises Informative Appendix C to fix editorial errors in equations and revises the example calculation to use accurate thermodynamic properties of R□410A as calculated using REFPROP v10.0. It also revises Table C□1 to remove refrigerants whose use is banned under the Montreal Protocol and adds refrigerants approved by the US Environmental Protection Agency under the SNAP program in Final Rules 21, 23, 25, and 26.
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: August 10, 2025

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum d to ANSI/ASHRAE Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022)
This addendum addresses requirements for installation of refrigeration systems in an isolated space because refrigeration systems with charge less than m1 need to be evaluated when installed in an isolated space.
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

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022)
This addendum clarifies requirements for application of joints for copper linesets and expands welded joints to copper tube. The advancement of and use of orbital arc welding equipment makes welding acceptable for copper tube.
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

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022)
This addendum incorporates elevation adjustment values for the maximum refrigerant charge for an identified dispersal volume. The current standard does not address elevation adjustment, which means calculated maximum refrigerant charge will remain the same at sea level and at 10,000 ft above sea level. This addendum introduces elevation adjustment by providing a table that can be used to determine the adjustment factor based on building ground-level elevation. This adjustment factor is then incorporated into existing equations within Clause 9.5.1 and Clause 9.5.2.
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

NSF (NSF International)

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

Revision

BSR/NSF 40-202x (i87r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2023)
This standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities between 1,514 LPD (400 GPD) and 5,678 LPD (1,500 GPD). Management methods for the treated effluent discharged from residential wastewater treatment systems are not addressed by this standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

Comment Deadline: August 10, 2025

NSF (NSF International)

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

Revision

BSR/NSF 41-202x (i88r1), Nonliquid Saturated Treatment Systems (revision of ANSI/NSF 41-2023)
This standard contains minimum requirements for treatment systems that do not utilize a liquid saturated media as a primary means of storing or treating human excreta or human excreta mixed with other organic household materials. It addresses treatment systems that treat both solid and liquid waste, as well as those that only treat solid waste.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Evanston, IL 60210 | alan.t.mcgrath@ul.org, https://ulse.org/

National Adoption

BSR/UL 60335-2-89-202X, Household and Similar Electrical Appliances - Safety - Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice-Makers with an Incorporated or Remote Refrigerant Unit or Motor-Compressor (national adoption of IEC 60335-2-89 with modifications and revision of ANSI/UL 60335-2-89-2021)
This proposal updates clauses 4DV.1, 7.1DV.1, 7.1DV.4, and 7.1DV.5.1. The proposed revisions will remove the wording which states manufacturers must provide a means to permanently mark the refrigerant installed and instead directly state and require that the type of refrigerant allowed for use in the refrigerating system must be marked by only the manufacturer. This change eliminates the interpretation that a manufacturer may provide a means for a partial unit to be marked with a refrigerant type at the time of installation when it is matched to another partial unit completing the refrigerating system.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Please follow the instructions at: https://csds.ul.org/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 268A-202x, Standard for Smoke Detectors for Duct Application (revision of ANSI/UL 268A-2023)
These requirements cover air-duct smoke detectors intended for indoor use within or protruding into a duct, or mounted in a housing with sampling tubes extending into or traversing a duct. Air duct smoke detectors are intended to be installed in ducts where the maximum air temperature inside the duct does not exceed 100°F (38°C), nor does the minimum temperature become less than 32°F (0°C), in accordance with the Standard for Automatic Fire Detectors, NFPA 72, and the Standard for the Installation of Air Conditioning and Ventilating Systems, NFPA 90A.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.org

Comment Deadline: August 10, 2025

ULSE (UL Standards and Engagement)
47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, https://ulse.org/

Revision

BSR/UL 746B-202x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2024)
The proposal to revise UL 746B cover the following topics: (1) Addition of the term “Polymeric Blends” to Footnote “a” of Table 7.1; (2) Addition of requirements to determine if a minor polymeric component in a compound is an additive or a blend to Footnote “a” of Table 7.1; (3) Addition of alternate definition of secondary properties to subsection 17.2 and addition of definition of “Thermally Durable Materials” in new subsection 17.3.
An earlier version of the proposal topics referenced in the preceding paragraph was published by ULSE for ballot on February 28, 2025.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Grayson.Flake@ul.org, https://ulse.org/

Revision

BSR/UL 2075-202x, Standard for Gas and Vapor Detectors and Sensors (revision of ANSI/UL 2075-2025)
This standard applies to fixed, portable, and transportable toxic and combustible gas and vapor detectors and sensors intended for use in ordinary (non-hazardous) locations for use in indoor or unconditioned areas.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.org

ULSE (UL Standards and Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Grayson.Flake@ul.org, https://ulse.org/

Revision

BSR/UL 2684-202x, Standard for Video and Thermal Image Detectors for Fire Alarm Systems (revision of ANSI/UL 2684-2024)
Scope 1.1 This Standard sets forth requirements for video and thermal-image fire detectors and accessories for non-dwelling units, including mechanical guards to be employed in indoor locations (for video and thermal) and outdoor (for thermal) in accordance with the following: (a) In the United States: (1) National Fire Alarm and Signaling Code, NFPA 72; (2) National Electrical Code, NFPA 70; (b) In Canada: (1) Standard for the Installation of Fire Alarm Systems, ULCS-S524; (2) National Building Code of Canada; and (3) National Fire Code of Canada.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.org

ULSE (UL Standards and Engagement)
12 Laboratory Drive, RTP, NC 27709 | sean.mcalister@ul.org, https://ulse.org/

Revision

BSR/UL 3100-202x, Standard for Safety for Automated Mobile Platforms (AMPs) (revision of ANSI/UL 3100 -2024)
Recirculation of the following topics: (1) Revision of Section 21, Risk Assessment; (2) Clarify environmental considerations.
Click here to view these changes in full
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

Comment Deadline: August 25, 2025

ADA (American Dental Association)

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

Reaffirmation

BSR/ADA Standard No. 1000 (R202x), Dentistry - Standard Clinical Data Architecture (reaffirmation of ANSI/ADA Standard No. 1000-2010 (R2020))
Patient health information is a critical element in the healthcare decision-making process. Accurate information is essential for timely, appropriate, and quality health services. This standard provides a logical data model for persistent patient data in healthcare information systems that can be engineered into a database supporting various clinical functions such as electronic health records, clinical decision support, imaging, and referrals.
Single copy price: $194.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)

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

Reaffirmation

BSR/ADA Standard No. 1027 (R202x), Dentistry - Implementation Guide for ANSI/ADA Standard No. 1000, Dentistry - Standard Clinical Data Architecture (reaffirmation of ANSI/ADA Standard No. 1027-2010 (R2020))
The purpose of this document is to provide implementation guidance to system planners, solution and data architects, and database developers. This document describes engineering approaches and presents examples of how this specification may be used at the data layer of system designs and in data subsystems for new development, legacy system migration, and data system retrofit.
Single copy price: $122.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)

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

Reaffirmation

BSR/ADA Standard No. 1039 (R202x), Dentistry - Standard Clinical Conceptual Data Model (reaffirmation of ANSI/ADA Standard No. 1039-2006 (R2019))
This standard provides descriptions of activities and data structures specific to clinical healthcare and population health services. It presents a high-level structured analysis of the fundamental activities shared throughout the delivery of healthcare services and the principal types of data needed to support these activities.
Single copy price: $82.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 158 (R202x), Dentistry - Coupling Dimensions for Handpiece Connectors (reaffirm a national adoption ANSI/ADA Standard No. 158-2020)
This standard specifies the coupling between handpieces and motors connected to dental units. This standard specifies the nominal dimensions, tolerances, and extraction force of coupling systems for use between handpiece and motor which supply the handpiece with water, air, light and rotation energy.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 161 (R202x), Dentistry - Guidance on Color Measurement (reaffirm a national adoption ANSI/ADA Standard No. 161-2018)
This standard identifies three types of topics
related to shade conformity and
interconvertibility of monochromatic and polychromatic tissues and materials related to the discipline of dentistry; it describes visual and instrumental methods for assessment of these topics. This standard suggests interpretation of the findings through color difference thresholds and provides guidelines for future standardization related to dental shade conformity and interconvertibility. It also includes guidelines related to color vision of persons undertaking visual color assessments and instructions for reporting of color and color difference assessments.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 169 (R202x), Dentistry - General Requirements for Periodontal Probes (reaffirm a national adoption ANSI/ADA Standard No. 169-2019)
This standard specifies general requirements and test methods for periodontal probes. It is applicable to periodontal probes made of austenitic and martensitic stainless steel. It is not applicable to periodontal probes with working ends made completely of plastics, nor to HAUER probes and periodontal probes with a defined probing force.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 177 (R202x), Dentistry - Central Suction Source Equipment (reaffirm a national adoption ANSI/ADA Standard No. 177-2020)
This document specifies requirements and test methods for stationary, electrically powered central-suction source equipment, including centrally located amalgam separators and air water separators; for information to be supplied by the manufacturer on the performance, installation, operation and maintenance of the central-suction source equipment as part of the complete dental suction system; for central suction source equipment used to provide vacuum pressure and flow at the facility pipeline connection point.
Single copy price: $121.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 179 (R202x), Dentistry - Shanks for Rotary and Oscillating Instruments (reaffirm a national adoption ANSI/ADA Standard No. 179-2020)
This document specifies the requirements for dimensions and material properties of shanks used in dentistry for rotary or oscillating instruments. It describes the measurement methods for the verification of the requirements. This document is not applicable to tips fixed to the handpiece with a screw, e.g., scaler tips. Information about the location of marking is also given. Annex A on quality control is included in order to ensure a high-quality level.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 183 (R202x), Dentistry - Reprocessable Cartridge Syringes for Intraligamentary Injections (reaffirm a national adoption ANSI/ADA Standard No. 183-2020)
This document specifies requirements and test methods for reprocessable cartridge syringes intended for intraligamentary injections. It specifies requirements for cartridge syringes with ISO metric thread sizes, and only intended for intraligamentary injections. However, attention is drawn to the existence of a variety of syringes with imperial thread sizes (see Annex A).
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 185 (R202x), Dentistry - Integrated Dental Floss and Handles (reaffirm a national adoption ANSI/ADA Standard No. 185-2020)
This document specifies the requirements and test methods for integrated dental floss and handles used for home care, community care, professional care of oral health or a part of dental treatment. This document is applicable to integrated dental floss and handles for manual use. It does not include dental floss and handles which contain a continuous supply of dental floss, or handles to which the floss is subsequently added.
Single copy price: $121.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 190 (R202x), Dentistry - Single-use Cartridges for Local Anaesthetics (reaffirm a national adoption ANSI/ADA Standard No. 190-2020)
This standard gives specific performance requirements for single-use dental cartridges of 10 ml, 1.7 ml, 1.8 ml, and 2.2 ml nominal capacity for use with local anesthetics. It specifies tests for leakage, plunger movement, extractable volume and underfilling, and lists general overall dimensions to ensure that the cartridge will fit dental cartridge syringes complying with ISO 9997 and ISO 21533. Labeling requirements are also specified.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 191 (R202x), Dentistry - Intra-Oral Mirrors (reaffirm a national adoption ANSI/ADA Standard No. 191, ISO 9873-2020)
This document specifies requirements and test methods for reusable intraoral mirrors with a coated glass reflecting surface used for dental purposes in the oral cavity. In addition, specific requirements for metallic casing and metallic handles are given.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ADA (American Dental Association)

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

Reaffirmation

BSR/ADA Standard No. 192 (R202x), Dentistry - Dental Explorer (reaffirm a national adoption ANSI/ADA Standard No. 192-2020)
This document specifies the dimensions and performance requirements for dental explorers. This document is not applicable to endodontic explorers.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)

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

Reaffirmation

BSR/ADA Standard No. 35 (R202x), Dentistry - Handpieces and Motors (reaffirm a national adoption ANSI/ADA Standard No. 35-2019)
This document specifies requirements and test methods for handpieces and motors used in dentistry for treatment of patients and having patient contact, regardless of their construction. It also specifies requirements for manufacturer's information, marking, and packaging.
This document is applicable to the following:
(a) straight and angle handpieces;
(b) high-speed air turbine handpieces;
(c) air motors;
(d) electrical motors;
)e) prophy handpieces.
This document is not applicable to the following:
— intraoral camera handpieces;
— powered polymerization handpieces;
— air-powered scalers;
— electrical-powered scalers;
— powder jet handpieces;
— multifunction handpieces (syringes).
Single copy price: $191.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 37 (R202x), Dentistry - Abrasive Powders (reaffirmation of ANSI/ADA Standard No. 37 -2001 (R2020))
This standard is for powered abrasive materials used in dentistry for removing strains and gross scratches from natural tooth structures and prostheses but not including materials used in laboratory blasting processes. These materials are divided into types depending on the intended manner of use and further subdivided into classes based upon the predominant abrasive agent present in the product.
Single copy price: $36.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 39 (R202x), Dentistry - Polymer-based Pit and Fissure Sealants (reaffirm a national adoption ANSI/ADA Standard No. 39-2020)
This standard specifies requirements and test methods for polymer-based materials intended for sealing pits and fissures in teeth. This standard covers both self-curing and external-energy-activated materials.
Single copy price: $80.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 62 (R202x), Dentistry - Abrasive Pastes (reaffirmation of ANSI/ADA Standard No. 62-2005 (R2020))
This standard is for in-office abrasive pastes used in dentistry for removing stains and other exogenous materials from natural tooth structures and prostheses.
Single copy price: $28.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

ADA (American Dental Association)
211 E. Chicago Avenue, Chicago, IL 60611-2678 | swickm@ada.org, www.ada.org

Reaffirmation

BSR/ADA Standard No. 80 (R202x), Dentistry - Dental Materials - Determination of Color Stability (reaffirm a national adoption ANSI/ADA Standard No. 80-2001 (R2020))
This standard specifies a procedure for determining the color stability of dental materials after exposure to light or water.
Single copy price: $53.00
Obtain an electronic copy from: Standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ANS (American Nuclear Society)

1111 Pasquinelli Drive, Suite 350, Westmont, IL 60559 | kmurdoch@ans.org, www.ans.org

Reaffirmation

BSR/ANS 8.27-2015 (R202x), Burnup Credit for LWR Fuel (reaffirmation of ANSI/ANS 8.27-2015 (R2020))
This standard provides criteria for accounting for reactivity effects of fuel irradiation and radioactive decay in criticality safety control of storage, transportation, and disposal of commercial LWR UO2 fuel assemblies. This standard assumes the fuel and any fixed burnable absorbers are contained in an intact assembly. Additional considerations could be necessary for fuel assemblies that have been disassembled, consolidated, damaged, or reconfigured in any manner.
Single copy price: $103.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: Same

ASA (ASC S1) (Acoustical Society of America)

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

Revision

BSR S1.6-202x, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (revision of ANSI/ASA S1.6-2020 (R2025))
This standard defines preferred frequencies and nominal filter-band center frequencies to be used for acoustical measurements. Exact filter center frequencies for constant percent bandwidth filter banks are calculated using ordinal integer band numbers. The differences between the preferred frequencies for pure tone measurements and constant percent bandwidth filter center frequencies are described.
Single copy price: $99.00
Obtain an electronic copy from: standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, https://www.asabe.org/

National Adoption

BSR/ASABE/ISO 3600-202x, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Operators manuals - Content and format (identical national adoption of ISO 3600:2022 and revision of ANSI/ASABE AD3600:2016 (R2021))
This International Standard specifies the content and gives guidance on the format of operator's manuals for tractors, machinery for agriculture and forestry, and powered lawn and garden equipment. It is intended to assist manufacturers of the machinery in the drafting and presentation of these manuals. Manuals intended for use by a service technician are not within the scope of this International Standard.
Single copy price: Free
Obtain an electronic copy from: ingeson@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

ASHRAE Addendum e to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
The changes to the determination of releasable charge will harmonize requirements with Edition 4 (dated December 15, 2022) of UL 60335-2-40 and CSA C22.2 No. 60335-2-40.
Single copy price: Free
Obtain an electronic copy from: Free download available at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B30.26-202x, Rigging Hardware (revision of ANSI/ASME B30.26-2015 (R2020))
B30.26 includes provisions that apply to the construction, installation, operation, inspection, and maintenance of detachable rigging hardware used for load-handling activities.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Kathleen Peterson <petersonk@asme.org>

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK78748-202x, Practice for Forensic Fiber Training Program (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK88490-202x, Practice for Physical Fit Analysis Training Program (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM D3139-2019 (R202x), Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals (reaffirmation of ANSI/ASTM D3139-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F1025-2019 (R202x), Guide for Selection and Use of Full-Encirclement-Type Band Clamps for Reinforcement or Repair of Punctures or Holes in Polyethylene Gas Pressure Pipe (reaffirmation of ANSI/ASTM F1025-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2519-2011 (R202x), Test Method for Grease Particle Capture Efficiency of Commercial Kitchen Filters and Extractors (reaffirmation of ANSI/ASTM F2519-2011 (R2021))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM D2239-202x, Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (revision of ANSI/ASTM D2239-2022)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

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

Revision

BSR/ASTM D2241-202x, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) (revision of ANSI/ASTM D2241-2025)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

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

Revision

BSR/ASTM D2513-202x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2024)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

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

Revision

BSR/ASTM D2665-202x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2024)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

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

Revision

BSR/ASTM D2737-202x, Specification for Polyethylene (PE) Plastic Tubing (revision of ANSI/ASTM D2737-2022)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM E1618-202x, Test Method for Ignitable Liquid Residues in Extracts from Fire Debris Samples by Gas Chromatography-Mass Spectrometry (revision of ANSI/ASTM E1618-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F857-202x, Specification for Hot Water and Chemical Sanitizing Commercial Dishwashing Machines, Stationary Rack Type (revision of ANSI/ASTM F857-2017)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F876-202x, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876 -2024B)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F877-202x, Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM F877-2024)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM F1521-202x, Test Methods for Performance of Range Tops (revision of ANSI/ASTM F1521-2022)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F1545-202x, Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges (revision of ANSI/ASTM F1545-2015 (R2021))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F1696-202x, Test Method for Energy Performance of Stationary-Rack, Door-Type Commercial Dishwashing Machines (revision of ANSI/ASTM F1696-2020)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F1920-202x, Test Method for Performance of Rack Conveyor Commercial Dishwashing Machines (revision of ANSI/ASTM F1920-2020)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM F1924-202x, Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F1924-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F2098-202x, Specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) to Metal Insert and Plastic Insert Fittings (revision of ANSI/ASTM F2098-2024)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F2623-202x, Specification for Polyethylene of Raised Temperature (PE-RT) Systems for Non-Potable Water Applications (revision of ANSI/ASTM F2623-2024)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

Revision

BSR/ASTM F2788-202x, Specification for Metric and Inch-sized Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2788/F2788M-2024)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | kbulger@aws.org, 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-2023)
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.
Single copy price: $42 non-member; 32 member
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | kbulger@aws.org, 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-2020)
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.
Single copy price: $42 non-member; 32 member
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

New Standard

BSR/AWWA B103-202x, Manganese Oxide Filter Media (new standard)
This standard describes mined and manufactured manganese oxide filter media as used in pressure and gravity filters to remove iron, manganese, radium, arsenic, and hydrogen sulfide in potable water treatment applications. It discusses handling, preparation, placement, sampling, and testing requirements specific to manganese oxide filter media as well as the reporting responsibilities of the manganese oxide filter media manufacturer.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C670-202x, Online Chlorine Analyzer Operation and Maintenance (revision of ANSI/AWWA C670-2020)
This standard describes online chlorine analyzer operation and maintenance (O&M) when the online chlorine analyzer is used for monitoring in the treatment of potable water, reclaimed water, or wastewater.
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)

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C950-202x, Fiberglass Pressure Pipe (revision of ANSI/AWWA C950-2020)
This standard describes the fabrication and the testing of nominal 1-in. through 156-in. (25-mm through 4,000-mm) fiberglass pipe and joining systems for use in both aboveground and belowground potable water, raw water, and reclaimed water systems at ambient temperature. Service and distribution piping systems and transmission piping systems are included.
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)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

National Adoption

BSR/EIA 60384-19-202x, Fixed capacitors for use in electronic equipment - Part 19: Sectional specification - Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-19:2022 and revision of ANSI/EIA 60384-19-2017)
This part of IEC 60384 is applicable to fixed-surface-mount capacitors for direct current, with metallized electrodes and polyethylene-terephthalate dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. This part of IEC 60384 specifies preferred ratings and characteristics, and selects from IEC 60384-1:2021 the appropriate ...
Single copy price: $105.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

Comment Deadline: August 25, 2025

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

National Adoption

BSR/EIA 60384-20-202x, Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-20:2023 and revision of ANSI/EIA 60384-20-2017)
This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyphenylene sulfide dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage.
Single copy price: $150.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

National Adoption

BSR/EIA 60384-23-202x, Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-23:2023 and revision of ANSI/EIA 60384-23-2017)
This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyethylene naphthalate dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage.
Single copy price: $105.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 296-F-2015 (R202x), Lead Taping of Components in Axial Lead Configuration for Automatic Handling (reaffirmation of ANSI/EIA 296-F-2015 (R2019))
This Standard includes the lead taping requirements for components having axial configured leads, provided these components may be taped in accordance with the requirements of this document.
Single copy price: $81.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

Comment Deadline: August 25, 2025

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 747-C-2020 (R202x), Adhesive backed punched plastic carrier taping of singulated bare die and other surface mount components for automatic handling of devices generally less than 1.0 mm thick (reaffirmation of ANSI/EIA 747-C-2020)
Covers requirements of 8 mm, 12 mm, 16 mm, and 24 mm taping of surface mount components generally less than 1.0 mm thick and requiring high precision taping for automatic handling of devices such as singulated bare die.
Single copy price: $82.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | standards@esta.org, www.esta.org

Reaffirmation

BSR ES1.9-2020 (R202x), Crowd Management (reaffirmation of ANSI ES1.9-2020)
The scope of this standard is to define “crowd management”as distinguished from “crowd control”, to provide an overview of crowd management theory and vocabulary, and to apply these terms to certain reasonably foreseeable risks that arise during live events. The standard is intended both to identify minimum requirements and provide questions and suggestions that help event organizers make reasonable choices under the circumstances of their event.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Send comments (copy psa@ansi.org) to: standards@esta.org

GISC (ASC Z97) (Glazing Industry Secretariat Committee)

730 Worcester Street, Springfield, MA 01151 | jcschi@eastman.com, www.ansiz97.com

Revision

BSR Z97.1-202x, Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test (revision of ANSI Z97.1-2015 (R2020))
This standard establishes the specifications and methods of test for the safety properties of safety glazing materials (glazing materials designed to promote safety and reduce the likelihood of cutting and piercing injuries when the glazing materials are broken by human contact) as used for all building and architectural purposes.
Single copy price: $95.00
Obtain an electronic copy from: jcschi@eastman.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street Suite 900, Rosslyn, VA 22209 | Zijun.Tong@nema.org, www.nema.org

Revision

BSR C136.14-202X, Elliptically Shaped, Enclosed Side-Mounted Luminaires (revision of ANSI C136.14-2020)
This Standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed side-mounted luminaires for horizontal-burning high-intensity discharge (HID) lamps, solid-state lighting (LED) sources, and other light sources used in roadway and area lighting equipment. This type of luminaire has traditionally been used for street or roadway lighting and has commonly been referred to as cobrahead-style luminaires. Luminaires of similar size, shape, and weight meeting the requirements of this Standard may be used interchangeably within a system with the assurance that:(a) They will fit the bracket arm; (b) Pole strength requirements will not change; (c) Light distribution will be similar; (d) Similar maintenance procedures can be used. Historically, luminaires covered by this Standard are elliptical in shape with lenses that meet the requirements of ANSI C136.17. Luminaires other than HID may have a different unique shape, as long as they meet the requirements listed above. Excluded from this Standard are luminaires having rectilinear and round shapes traditionally covered by ANSI C136.23.
Single copy price: $64.00
Obtain an electronic copy from: zijun.tong@nema.org
Send comments (copy psa@ansi.org) to: Same

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street Suite 900, Rosslyn, VA 22209 | Zijun.Tong@nema.org, www.nema.org

Revision

BSR C136.15-202X, Roadway and Area Lighting Equipment Luminaire Field Identification (revision of ANSI C136.15-2020)
The intent of this Standard is to provide a simple, uniform method for identifying the light source type and wattage rating of a luminaire used for roadway and area lighting. The identification method for solid-state lighting will also include lumen value and correlated color temperature.
Single copy price: $53.00
Obtain an electronic copy from: zijun.tong@nema.org
Send comments (copy psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 455-16-B-202x, FOTP-16 Salt Spray (Corrosion) Test for Fiber Optic Components (revision and redesignation of ANSI/TIA 455-16-A-2000 (R2024))
Revise FOTP-16 Salt Spray (Corrosion) Test for Fiber Optic Components. Revision includes but not limited to removing outdated references, correcting the salt solution temperature when measuring pH level, and updating salt solution gravity vs temperature chart. Entire document is open for comment.
Single copy price: $84.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 25, 2025

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 61810-1-202x, Electromechanical Elementary Relays - Part 1: General Requirements (national adoption of IEC 61810-1 with modifications and revision of ANSI/UL 61810-1-2020)
Propose New Bi-national Standard Adoption of IEC No. 61810-1 and Withdrawal and replacement of ANSI/ISA MC96.1, Temperature-Measurement Thermocouples
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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/Home/ProposalsDefault.aspx

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 248-8-2011 (R202x), Standard for Low-Voltage Fuses - Part 8: Class J Fuses (reaffirmation of ANSI/UL 248-8-2011 (R2020))
(1) Reaffirmation and continuance of the 3rd Edition of the Standard for Low-Voltage Fuses – Part 8: Class J Fuses, UL 248-8, as an standard.
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 Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 489B-2016 (R202x), Standard for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems (reaffirmation of ANSI/UL 489B-2016 (R2021))
(1) Reaffirmation and continuance of the 1st Edition of the Standard for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems, UL 489B, as an American National Standard.
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

Comment Deadline: August 25, 2025

USEMCSC (United States EMC Standards Corp.)

445 Hoes Lane, Piscataway, NJ 08854 | j.santulli@ieee.org

Reaffirmation

BSR C63.26-2015 (R202x), American National Draft Standard for Compliance Testing of Transmitters Used in Licensed Radio Services (reaffirmation and redesignation of ANSI C63.26-2015)
C63.26 covers procedures for testing a wide variety of licensed transmitters; including, but not limited to, transmitters operating under Parts 22, 24, 25, 27, 90, 95, and 101 of the FCC Rules. The 1st Edition of C63.26 was published in January 2016. The 2nd Edition of this standard will address the topics mentioned in item 8 below.
Single copy price: $174 list and $140 IEEE member
Obtain an electronic copy from: Jennifer Santulli <J.Santulli@ieee.org>
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 9, 2025

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME MFC-11-202x, Measurement of Fluid Flow by Means of Coriolis Mass Flowmeters (new standard)
ASME MFC-11 establishes common terminology and gives guidelines for the selection, installation, calibration, and operation of Coriolis flowmeters for the determination of mass flow, density, volume flow, and other parameters. The content of this Standard is applied to the flow measurement of liquids, gases, mixtures of gases, multiphase flows, and miscible and immiscible mixtures of liquids.
Single copy price: $46.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Shaimaa Khalifa

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME MFC-12M-202x, Measurement of Fluid Flow in Closed Conduits Using Multiport Averaging Pitot Primary Elements (new standard)
This Standard, provides information on the use of multiport averaging Pitot head-type devices used to measure liquids and gases. The Standard applies when the conduits are full and the flow (a) has a fully developed profile; (b) remains subsonic throughout the measurement section; (c) is steady or varies only slowly with time; (d) is considered single-phase. A differential pressure transmitter or other pressure-measuring device, known as a secondary element, must be used with a multiport-averaging Pitot primary element to produce a flow rate measurement. Although multiport averaging Pitot primary elements are sometimes used in noncircular conduits, such applications are beyond the scope of this Standard.
Single copy price: $42.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Shaimaa Khalifa

Comment Deadline: September 9, 2025

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME MFC-22-202x, Measurement of Liquid by Turbine Flowmeters (new standard)
This Standard describes the criteria for the application of a turbine flowmeter with a rotating blade for the measurement of liquid flows through closed conduit running full. The standard discusses the following: (a) considerations regarding the liquids to be measured; (b) turbine flowmeter system; (c) installation requirements; (d) design specifications; (e) the maintenance, operation, and performance; (f) measurement uncertainties. This Standard does not address the details of the installation of accessory equipment used to measure pressure, temperature, and/or density for the accurate determination of mass or base volumes, or those accessories used to automatically compute mass or base volumes.
Single copy price: $39.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Shaimaa Khalifa

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME MFC-3M-2004 (R202x), Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi (reaffirmation of ANSI/ASME MFC-3M-2004 (R2017))
This Standard specifies the geometry and method of use (installation and flowing conditions) for pressure differential devices (including, but not limited to, orifice plates, nozzles, and venturi tubes) when installed in a closed conduit running full and use to determine the flow-rate of the fluid flowing in the conduit.
Single copy price: $100.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Shaimaa Khalifa

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B18.15-202x, Forged Eyebolts (revision of ANSI/ASME B18.15-2015 (R2021))
This Standard is limited to dimensions and capacities for carbon and stainless steel forged threaded eyebolts in sizes 1/4 through 2-1/2 inch for steel and 1/4 through 1-1/2 inch for corrosion-resistant stainless steel intended primarily for lifting applications. For carbon steel construction, the sizes are limited to 1/4 inch through 2-/2 inch, and for corrosion-resistant stainless steel construction, the sizes are limited to 1/4 in. through 1-1/2 in. This Standard covers the following types and styles: (a) Type 1, plain pattern (straight shank) (see Table 1): (1) Style A, long length; (2) Style B, short length; (b) Type 2, shoulder pattern (see Table 2); (1) Style A, long length; (2) Style B, short length.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Lydia Stanford

Comment Deadline: September 9, 2025

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME MFC-1-202x, Glossary of Terms Used in the Measurement of Fluid Flow in Pipes (revision of ANSI/ASME MFC-1-2014)
This Standard consists of a collection of definitions of those terms that pertain to the measurement of fluid flow in pipes. The definitions provided also give guidance for recommended usage in the application of flow measurement devices.
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ansibox@asme.org

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | nishmael@emap.org, www.emap.org

Revision

BSR/EMAP EMS 5-202x, Emergency Management Standard (revision of ANSI/EMAP EMS 5-2022)
The Standard will outline programmatic areas with Standards underneath that outline the necessary components of a comprehensive emergency management and homeland security program. The Standards will include all phases of emergency management to include prevention, preparedness, mitigation, response and recovery activities. The programmatic areas will include such things as Program Management, Hazard Identification and Risk Assessment, Hazard Mitigation, Prevention, Planning, Incident Management, Resource Management, Communications, Facilities, Training and Exercise and Emergency Public Information and Education. The Standard will not be considered an ISO, IEC, or ISO/IEC JTC-1 Standard.
Single copy price: $Available Free of Charge
Order from: www.emap.org
Send comments (copy psa@ansi.org) to: https://forms.gle/NVKR91khpZryPcj27

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | nishmael@emap.org, www.emap.org

Revision

BSR/EMAP US&R 2-202x, Urban Search & Rescue Standard (revision of ANSI/EMAP US&R 2-2022)
The Standard will outline resource areas with Standards underneath that outline the necessary components of a comprehensive urban search and rescue team. The Standards will include criteria for administration, operational, and logistics readiness activities. The resource areas will include Program Management, Finance, Planning and Procedures, Incident Management, Alert and Mobilization, Training and Exercises, and Resource Management and Logistics. The Standard will not be considered an ISO, IEC or ISO/IEC JTC-1 Standard.
Single copy price: $Available Free of Charge
Order from: www.emap.org
Send comments (copy psa@ansi.org) to: https://forms.gle/DfgtXxEK6JrBkvt1A

Comment Deadline: September 9, 2025

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | nishmael@emap.org, www.emap.org

Revision

BSR/EMAP US&R OPS 1-202x, Urban Search & Rescue Operational Standard (revision of ANSI/EMAP US&R OPS 1-2022)
The Standard will outline resource areas with Standards underneath that outline the necessary operational components of a comprehensive urban search and rescue team. The Standards will include criteria for mobilization, transportation of personnel and cache, establish a base of operations, capabilities demonstration onsite operations, search operations, rescue operations, victim/survivor management operations, search and rescue operations in a contaminated environment, medical, communications, task force leader management, planning, logistics, and demobilization. The Standard will not be considered an ISO, IEC or ISO/IEC JTC-1 Standard.
Single copy price: $Available Free of Charge
Order from: www.emap.org
Send comments (copy psa@ansi.org) to: https://forms.gle/Dodbd7NRPb2t1g4u8

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

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

Withdrawal

INCITS/ISO/IEC 19757-9:2008 [R2024], Information technology - Document Schema Definition Languages (DSDL) - Part 9: Namespace and datatype declaration in Document Type Definitions (DTDs) (withdrawal of INCITS/ISO/IEC 19757-9:2008 [R2024])
Defines a language that is designed to extend the declarative functionality of an XML Document Type Definition (DTD) to include declaring one or more namespaces to which some or all of the element and attribute names in a DTD belong, declaring constraints on the content of elements with content model ANY to contain elements whose names belong to one or more specified namespaces, declaring datatypes for elements that contain data content only and for attribute values.
Single copy price: $50.40
Obtain an electronic copy from: https://webstore.ansi.org/
Order from: https://webstore.ansi.org/
Send comments (copy psa@ansi.org) to: incits@itic.org

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject. Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to (psa@ansi.org).

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

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

Reaffirmation

INCITS/TR-26-2000 [R2025], INCITS Technical Report for Information technology - Fibre Channel - High Speed Parallel Interface (FC-HSPI) (reaffirmation of technical report INCITS/TR-26-2000 [R2025])
Defines the functions and electrical characteristics of a High-Speed Parallel Interface between FC-1 (Transmission protocol layer) and FC-0 (Physical layer) devices at 2 125,0 and 1 062,5 MBaud data rates. This document applies in full to systems where the FC-0 and FC-1 layer are implemented as separate devices. For systems where the FC-0 and FC-1 devices are integrated, only the functional characteristics of this document apply. The High-Speed Parallel Interface is composed of two sub-interfaces: Transmit Interface and Receive Interface.
Send comments (copy psa@ansi.org) to: Kim Quigley <kquigley@itic.org>

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

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

Reaffirmation

INCITS/TR-39-2005 [R2025], Information Technology - Fibre Channel - Methodologies for Interconnects - 2 (FC-MI -2) (reaffirmation of technical report INCITS/TR-39-2005 [R2025])
Specifies common methodologies for both Arbitrated Loop and Switched environments. The goal of this technical report is to facilitate interoperability between devices whether they are connected in a loop or Fabric topology.
Send comments (copy psa@ansi.org) to: Kim Quigley <kquigley@itic.org>

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

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

Reaffirmation

INCITS/TR-40-2005 [R2025], INCITS Technical Report for Information technology - Fibre Channel - Avionics Environment - SCSI-3 Remote Direct Memory Access (FC-AE-RDMA) (reaffirmation of technical report INCITS/TR -40-2005 [R2025])
The FC-AE-RDMA technical report defines the FC-AE-RDMA Upper Level Protocol. FC-AE-RDMA follows the FCP standard in its definition of the services necessary to support low-latency, low overhead communication between elements of a mission-critical avionics system. This technical report is intended to serve as an implementation guide to maximize the likelihood of interoperability between conforming implementations. This technical report Prohibits or Requires features that are optional, and Prohibits the use of some non-optional features in the referenced INCITS standards (see clause 2). In addition, this technical report simplifies implementations and their associated documentation, testing, and support requirements. This technical report does not define internal characteristics of conformant implementations. This technical report incorporates features from the normative references in clause 2.
Send comments (copy psa@ansi.org) to: Kim Quigley <kquigley@itic.org>

Project Withdrawn

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, an accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE C135.100-20xx, Standard for Line Hardware for Overhead Line Construction (new standard)
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

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.

AAFS (American Academy of Forensic Sciences)

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

ANSI/ASB Std 202-2025, Standard for Interactions Between Medicolegal Death Investigation Authorities and Organ and Tissue Procurement Organizations and Eye Banks (new standard) Final Action Date: 7/1/2025 | *New Standard*

ANSI/ASB Std 216-2025, Standard for Construction of Multilocus Databases (new standard) Final Action Date: 6/30/2025 | *New Standard*

AAMI (Association for the Advancement of Medical Instrumentation)

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

ANSI/AAMI/IEC 80601-2-58-2024, Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (identical national adoption of IEC 80601-2-58:2024 and revision of ANSI/AAMI/IEC 80601-2-58-2014) Final Action Date: 7/2/2025 | *National Adoption*

ABYC (American Boat and Yacht Council)

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

ANSI/ABYC A-31-2025, Battery Chargers and Inverters (revision of ANSI/ABYC A-31-2020) Final Action Date: 6/30/2025 | *Revision*

ANSI/ABYC E-2-2025, Cathodic Protection (revision of ANSI/ABYC E-2-2019) Final Action Date: 6/30/2025 | *Revision*

ANSI/ABYC H-4-2025, Cockpit Drainage Systems (revision of ANSI/ABYC H-4-2020) Final Action Date: 7/1/2025 | *Revision*

ANSI/ABYC H-23-2025, Water Systems on Boats (revision of ANSI/ABYC H-23-2020) Final Action Date: 7/1/2025 | *Revision*

ANSI/ABYC P-14-2025, Mechanical Propulsion Control Systems (revision of ANSI/ABYC P-14-2020) Final Action Date: 6/30/2025 | *Revision*

ANSI/ABYC P-28-2025, Electric/Electronic Control Systems for Propulsion and Steering (revision of ANSI/ABYC P-28 -2020) Final Action Date: 6/30/2025 | *Revision*

AGA (ASC B109) (American Gas Association)

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

ANSI B109.2-2020 (R2025), Diaphragm-Type Gas Displacement Meters (500 Cubic Feet Per Hour Capacity and Over) (reaffirmation of ANSI B109.2-2020) Final Action Date: 7/3/2025 | *Reaffirmation*

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

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

ANSI/ASHRAE Addendum 62.2t-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022) Final Action Date: 7/1/2025 | *Addenda*

ANSI/ASHRAE Addendum 62.2v-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022) Final Action Date: 7/1/2025 | *Addenda*

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 B29.2M-2007 (S2025), Inverted Tooth (Silent) Chains and Sprockets (stabilized maintenance of ANSI/ASME B29.2M-2007 (R2022)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ANSI/ASME B29.12M-1997 (S2025), Steel Bushed Rollerless Chains Attachments and Sprocket Teeth (stabilized maintenance of ANSI/ASME B29.12M-1997 (R2023)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ANSI/ASME B29.15M-1997 (S2025), Steel Roller Type Conveyor Chains, Attachments, and Sprocket Teeth (stabilized maintenance of ANSI/ASME B29.15M-1997 (R2021)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ANSI/ASME B29.17M-1998 (S2025), Hinge Type Flat Top Conveyor Chains and Sprocket Teeth (stabilized maintenance of ANSI/ASME B29.17M-1998 (R2023)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ANSI/ASME B29.21-2013 (S2025), 700 Class Chains, Attachments, and Sprockets for Water and Sewage Treatment Plants (stabilized maintenance of ANSI/ASME B29.21-2013 (R2023)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ANSI/ASME B29.27-2002 (S2025), Single Pitch and Double Pitch Hollow Pin Conveyor Chains and Attachments (stabilized maintenance of ANSI/ASME B29.27-2002 (R2021)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ANSI/ASME B29.100-2011 (S2025), Double-Pitch Roller Chains, Attachments, and Sprockets (stabilized maintenance of ANSI/ASME B29.100-2011 (R2021)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ANSI/ASME B29.400-2001 (S2025), Combination H Type Mill Chains and Sprockets (stabilized maintenance of ANSI/ASME B29.400-2001 (R2023)) Final Action Date: 7/3/2025 | *Stabilized Maintenance*

ASTM (ASTM International)

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

ANSI/ASTM E3500-2025, Practice for Quality Control of Routine Testing in a Laboratory (new standard) Final Action Date: 6/24/2025 | *New Standard*

ANSI/ASTM E927-2019 (R2025), Classification for Solar Simulators for Electrical Performance Testing of Photovoltaic Devices (reaffirmation of ANSI/ASTM E927-2019) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E1036-2018 (R2025), Test Methods for Electrical Performance of Nonconcentrator Terrestrial Photovoltaic Modules and Arrays Using Reference Cells (reaffirmation of ANSI/ASTM E1036-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E1143-2018 (R2025), Test Method for Determining the Linearity of a Photovoltaic Device Parameter with Respect to a Test Parameter (reaffirmation of ANSI/ASTM E1143-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E1171-2018 (R2025), Test Methods for Photovoltaic Modules in Cyclic Temperature and Humidity Environments (reaffirmation of ANSI/ASTM E1171-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E1362-2018 (R2025), Test Methods for Calibration of Non-Concentrator Photovoltaic Non-Primary Reference Cells (reaffirmation of ANSI/ASTM E1362-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E1462-2018a (R2025), Test Methods for Insulation Integrity and Ground Path Continuity of Photovoltaic Modules (reaffirmation of ANSI/ASTM E1462-2018a) Final Action Date: 6/24/2025 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM E1597-2018 (R2025), Test Method for Saltwater Pressure Immersion and Temperature Testing of Photovoltaic Modules for Marine Environments (reaffirmation of ANSI/ASTM E1597-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E2047-2018 (R2025), Test Method for Wet Insulation Integrity Testing of Photovoltaic Arrays (reaffirmation of ANSI/ASTM E2047-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E2236-2018 (R2025), Test Methods for Measurement of Electrical Performance and Spectral Response of Nonconcentrator Multijunction Photovoltaic Cells and Modules (reaffirmation of ANSI/ASTM E2236-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E2527-2018 (R2025), Test Method for Electrical Performance of Concentrator Terrestrial Photovoltaic Modules and Systems Under Natural Sunlight (reaffirmation of ANSI/ASTM E2527-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E2685-2018 (R2025), Specification for Steel Blades Used with the Photovoltaic Module Surface Cut Test (reaffirmation of ANSI/ASTM E2685-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E2762-2010 (R2025), Practice for Sampling a Stream of Product by Variables Indexed by AQL (reaffirmation of ANSI/ASTM E2762-2010 (R2020)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E2766-2018 (R2025), Practice for Installation of Roof Mounted Photovoltaic Arrays on Steep-Slope Roofs (reaffirmation of ANSI/ASTM E2766-2018 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM E3010-2015 (R2025), Practice for Installation, Commissioning, Operation, and Maintenance Process (ICOMP) of Photovoltaic Arrays (reaffirmation of ANSI/ASTM E3010-2015 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F940-2000 (R2025), Practice for Quality Control Receipt Inspection Procedures for Protective Coatings (Paint), Used in Marine Construction and Shipbuilding (reaffirmation of ANSI/ASTM F940-2000 (R2020)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F1014-2020 (R2025), Specification for Flashlights on Vessels (reaffirmation of ANSI/ASTM F1014-2020) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F1134-2015 (R2025), Specification for Insulation Resistance Monitor for Shipboard Electrical Motors and Generators (reaffirmation of ANSI/ASTM F1134-2015 (R2019)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F1207M-2012 (R2025), Specification for Electrical Insulation Monitors for Monitoring Ground Resistance in Active Electrical Systems (Metric) (reaffirmation of ANSI/ASTM F1207M-2012 (R2018)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F1669M-2012 (R2025), Specification for Insulation Monitors for Shipboard Electrical Systems (Metric) (reaffirmation of ANSI/ASTM F1669M-2012 (R2018)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F1883-2020 (R2025), Practice for Selection of Wire and Cable Size in AWG or Metric Units (reaffirmation of ANSI/ASTM F1883-2020) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F2045-2000 (R2025), Specification for Indicators, Sight, Liquid Level, Direct and Indirect Reading, Tubular Glass/Plastic (reaffirmation of ANSI/ASTM F2045-2000 (R2018)) Final Action Date: 6/24/2025 | *Reaffirmation*

ANSI/ASTM F2748-2019 (R2025), Specification for Airsoft Guns (reaffirmation of ANSI/ASTM F2748-2019) Final Action Date: 7/1/2025 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM E8/E8M-2025, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8/8M -2024) Final Action Date: 7/1/2025 | *Revision*

ANSI/ASTM E162-2025a, Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source (revision of ANSI/ASTM E162-2024) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM E603-2025, Guide for Room Fire Experiments (revision of ANSI/ASTM E603-2023) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM E648-2025, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2023) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM E970-2025, Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source (revision of ANSI/ASTM E970-2023) Final Action Date: 7/1/2025 | *Revision*

ANSI/ASTM E2280-2025, Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture within Patient Rooms of Health Care Facilities (revision of ANSI/ASTM E2280-2021) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM E2587-2025, Practice for Use of Control Charts in Statistical Process Control (revision of ANSI/ASTM E2587 -2024) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM E2965-2025, Test Method for Determination of Low Levels of Heat Release Rate for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/ASTM E2965-2022A) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM F683-2025, Practice for Selection and Application of Thermal Insulation for Piping and Machinery (revision of ANSI/ASTM F683-2023A) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM F1808-2025, Guide for Weight Control Technical Requirements for Surface Ships (revision of ANSI/ASTM F1808-2003 (R2020)) Final Action Date: 6/24/2025 | *Revision*

ANSI/ASTM F3353-2025, Guide for Shipboard Use of Lithium-Ion (Li-ion) Batteries (revision of ANSI/ASTM F3353-2019) Final Action Date: 6/24/2025 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA G520-2025, Wastewater Collection System Operation and Management (revision of ANSI/AWWA G520 -2017) Final Action Date: 7/1/2025 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI/CSA NGV 5.3-2025, Mobile refueling appliances (MFA) (new standard) Final Action Date: 6/30/2025 | *New Standard*

ANSI/CSA NGV 5.2-2025, Vehicle fuelling appliances (VFA) (revision of ANSI/CSA NGV 5.2-2022) Final Action Date: 6/30/2025 | *Revision*

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 | KHaresign@cta.tech, www.cta.tech

ANSI/CTA 2120-2025, Design Requirements for a Label for IoT Device Cybersecurity (new standard) Final Action Date: 7/1/2025 | *New Standard*

DASMA (Door and Access Systems Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH 44115 | dasma@dasma.com

ANSI/DASMA 110-2025, Standard for Lifting Cables for Sectional Type Doors (new standard) Final Action Date: 7/7/2025 | *New Standard*

EOS/ESD (ESD Association, Inc.)

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

ANSI/EOS ESDA/JEDEC JS-002--2025, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) - Device Level (revision of ANSI/ESDA/JEDEC JS-002-2022) Final Action Date: 7/3/2025 | *Revision*

HL7 (Health Level Seven)

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

ANSI/HL7 EHRSFM R2 USEGUIDE E1-2025, HL7 EHRS-FM Release 2.0.1: Usability Functional Profile, Edition 1 (new standard) Final Action Date: 7/2/2025 | *New Standard*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 7009-2025, Standard for Fail-Safe Design of Autonomous and Semi-Autonomous Systems (new standard) Final Action Date: 7/2/2025 | *New Standard*

IIAR (International Institute of All-Natural Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 | tony_lundell@iiar.org, www.iiar.org

ANSI/IIAR 5-2025, Standard for Startup of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 5 -2019) Final Action Date: 7/3/2025 | *Revision*

ISDI (ASC MH2) (Industrial Steel Drum Institute)

818 Providence Road, Towson, MD 21286 | reitenbach@industrialpackaging.org, www.whysteeldrums.org

ANSI MH2-2024, Materials Handling (Containers) - Steel Drums and Pails (revision of ANSI ASC MH2-2018) Final Action Date: 7/1/2025 | *Revision*

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS 571-2025, Information technology - SCSI Block Commands - 5 (SBC-5) (new standard) Final Action Date: 7/1/2025 | *New Standard*

NEMA (ASC C78) (National Electrical Manufacturers Association)

1300 N 17th St, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

ANSI C78.79-2014 (S2025), Electric Lamps - Nomenclature for Envelope Shapes Intended for Use with Electric Lamps (stabilized maintenance of ANSI C78.79-2014 (R2020)) Final Action Date: 7/1/2025 | *Stabilized Maintenance*

ANSI C78.375A-2014 (S2025), Electric Lamps - Fluorescent Lamps - Guide for Electrical Measures (stabilized maintenance of ANSI C78.375A-2014 (R2020)) Final Action Date: 7/1/2025 | *Stabilized Maintenance*

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

ANSI ICEA T-34-664-2025, Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Longitudinal Water Blocked Cables (revision of ANSI ICEA T-34-664-2018) Final Action Date: 7/1/2025 | *Revision*

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

ANSI/NFRC 100-2023 E0A4, Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100 -2023 E0A3) Final Action Date: 7/1/2025 | *Revision*

ANSI/NFRC 200-2023 E0A5, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2023 E0A4) Final Action Date: 7/1/2025 | *Revision*

NSF (NSF International)

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

ANSI/NSF 223-2020 (i9r1) (R2025), Conformity Assessment Requirements for Certification Bodies that Certify Products Pursuant to NSF/ANSI/CAN 60: Drinking Water Treatment Chemicals - Health Effects (reaffirmation of ANSI/NSF 223 -2020 (i6r1)) Final Action Date: 7/1/2025 | *Reaffirmation*

ANSI/NSF 18-2025 (i23r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2023) Final Action Date: 7/1/2025 | *Revision*

RESOLVE (Resolve, Inc.)

2445 M Street, NW, Suite 550, Washington, DC 20037 | halday@resolve.ngo, www.resolve.ngo

ANSI/RESOLVE RES-002-2025, Reusable packaging systems design standard: Container washing, inspection, and packing for distribution (new standard) Final Action Date: 7/3/2025 | *New Standard*

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | megan.monsen@ul.org, https://ulse.org/

ANSI/UL 3202-2025, Standard for Safety for Mobile Electric Vehicle Charging Systems Integrated with Energy Storage Systems (new standard) Final Action Date: 6/30/2025 | *New Standard*

ANSI/UL 687-2011 (R2025), Standard for Burglary-Resistant Safes (reaffirmation of ANSI/UL 687-2011 (R2020)) Final Action Date: 7/1/2025 | *Reaffirmation*

ANSI/UL 969A-2020 (R2025), UL standard for Marking and Labeling Systems - Flag Labels, Flag Tags, Wrap-Around Labels and Related Products (reaffirmation of ANSI/UL 969A-2020) Final Action Date: 7/2/2025 | *Reaffirmation*

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

ANSI/VITA 40-2020 (R2025), Service and Status Indicator Standard (reaffirmation of ANSI/VITA 40-2020) Final Action Date: 7/1/2025 | *Reaffirmation*

ANSI/VITA 60-2012 (S2025), Alternative Connector for VPX (stabilized maintenance of ANSI/VITA 60-2012 (R2018)) Final Action Date: 7/1/2025 | *Stabilized Maintenance*

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.

ANSI Accredited Standards Developer

AWS - American Welding Society

"The American Welding Society (AWS) A5 Committee on Filler Metals and Allied Materials is actively seeking participation from the interest categories of user, general interest, and distributor. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2025. For more information, see www.aws.org."

ANSI Accredited Standards Developer

AWS - American Welding Society

"The American Welding Society (AWS) C3 Committee on Brazing and Soldering is actively seeking participation from the interest categories of user, general interest, and educator. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2025. For more information, see www.aws.org."

ANSI Accredited Standards Developer

AWS - American Welding Society

"The American Welding Society (AWS) D3 Committee on Welding in Marine Construction is actively seeking participation from the interest categories of user, general interest, and educator. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2025. For more information, see www.aws.org."

ANSI Accredited Standards Developer

AWS - American Welding Society

"The American Welding Society (AWS) D14 Committee on Machinery and Equipment is actively seeking participation from the interest categories of user, general interest, and educator. To apply or obtain additional information please contact Kevin Bulger at kbulger@aws.org by December 31, 2025. For more information, see www.aws.org."

ANSI Accredited Standards Developer

ULSE - UL Standards and Engagement

Call for Member for Technical Committee 0588:
This Technical Committee oversees two standards titled: Standard for Seasonal and Holiday Decorative Products, UL 588; and the Standard for Flexible Lighting Products, UL 2388.

UL Standards & Engagement's goal is to have no interest category comprise more than one-third of the TC membership balance. To improve the current balance for TC 0588, UL Standards & Engagement is looking for participants in the following interest categories: AHJ, Commercial/Industrial User, Consumer, General, Government, and Supply Chain Organizations.

For inquiries please contact: Sean McAlister, UL Standards & Engagement (ULSE) | 12 Laboratory Drive, RTP, NC 27713 E: Sean.McAlister@ul.org T: +1 984-317-5841

ASA (ASC S1) (Acoustical Society of America)

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

BSR S1.6-202x, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (revision of ANSI/ASA S1.6-2020 (R2025))

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, https://www.asabe.org/

BSR/ASABE/ISO 3600-202x, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Operators manuals - Content and format (identical national adoption of ISO 3600:2022 and revision of ANSI/ASABE AD3600:2016 (R2021))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0100523-202x, PTSC Telecom Glossary (revision of ANSI/ATIS 0100523-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300251-202x, Structure for the Representation of Service Providers for Information Exchange (revision of ANSI/ATIS 0300251-2020)

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-2023)

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-2020)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 296-F-2015 (R202x), Lead Taping of Components in Axial Lead Configuration for Automatic Handling (reaffirmation of ANSI/EIA 296-F-2015 (R2019))

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 747-C-2020 (R202x), Adhesive backed punched plastic carrier taping of singulated bare die and other surface mount components for automatic handling of devices generally less than 1.0 mm thick (reaffirmation of ANSI/EIA 747-C-2020)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 60384-9-202x, Fixed capacitors for use in electronic equipment - Part 9: Sectional specification - Fixed capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-9:2024 and revision of ANSI/EIA 60384-9-2017)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 60384-19-202x, Fixed capacitors for use in electronic equipment - Part 19: Sectional specification - Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-19:2022 and revision of ANSI/EIA 60384-19-2017)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 60384-20-202x, Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-20:2023 and revision of ANSI/EIA 60384-20-2017)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 60384-23-202x, Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-23:2023 and revision of ANSI/EIA 60384-23-2017)

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

BSR/EIA 60384-3-2017 (R202x), Fixed capacitors for use in electronic equipment - Part 3: Sectional specification - Surface mount fixed tantalum electrolytic capacitors with solid (MnO2) electrolyte (reaffirmation of ANSI/EIA 60384 -3-2017)

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | nishmael@emap.org, www.emap.org

BSR/EMAP EMS 5-202x, Emergency Management Standard (revision of ANSI/EMAP EMS 5-2022)

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | nishmael@emap.org, www.emap.org

BSR/EMAP US&R 2-202x, Urban Search & Rescue Standard (revision of ANSI/EMAP US&R 2-2022)

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | nishmael@emap.org, www.emap.org

BSR/EMAP US&R OPS 1-202x, Urban Search & Rescue Operational Standard (revision of ANSI/EMAP US&R OPS 1 -2022)

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | standards@esta.org, www.esta.org

BSR ES1.9-2020 (R202x), Crowd Management (reaffirmation of ANSI ES1.9-2020)
Interest Categories: The Event Safety Working Group seeks new voting participants in the Dealer or rental company; Equipment Provider; Event Worker; Insurance Company; and Performing Artist interest categories. Interested parties may inquire at standards@esta.org for more information.

GISC (ASC Z97) (Glazing Industry Secretariat Committee)

730 Worcester Street, Springfield, MA 01151 | jcschi@eastman.com, www.ansiz97.com

BSR Z97.1-202x, Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test (revision of ANSI Z97.1-2015 (R2020))

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

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

INCITS/ISO/IEC 19757-9:2008 [R2024], Information technology - Document Schema Definition Languages (DSDL) - Part 9: Namespace and datatype declaration in Document Type Definitions (DTDs) (withdrawal of INCITS/ISO/IEC 19757-9:2008 [R2024])

MSS (Manufacturers Standardization Society)

441 N. Lee Street, Alexandria, VA 22314 | standards@msshq.org, www.mss-hq.org

BSR/MSS SP-122-202x, Plastic Industrial Ball Valves (revision of ANSI/MSS SP-122-2017)

NSF (NSF International)

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

BSR/NSF 40-202x (i87r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2023)

NSF (NSF International)

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

BSR/NSF 41-202x (i88r1), Nonliquid Saturated Treatment Systems (revision of ANSI/NSF 41-2023)

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Waltham, MA 02451 | info@spri.org, www.spri.org

BSR/SPRI FX-1-202x, Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners (revision of ANSI/SPRI FX-1-2021)

TIA (Telecommunications Industry Association)

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

BSR/TIA 455-16-B-202x, FOTP-16 Salt Spray (Corrosion) Test for Fiber Optic Components (revision and redesignation of ANSI/TIA 455-16-A-2000 (R2024))

TIA (Telecommunications Industry Association)

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

BSR/TIA 455-98-B-202x, FOTP-98 - Fiber Optic Cable External Freezing Test (new standard)

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

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

HSI - Healthcare Standards Institute

Effective July 1, 2025

The reaccreditation of **HSI - Healthcare Standards Institute** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on HSI-sponsored American National Standards, effective **July 1, 2025**. For additional information, please contact: Veronica Muzquiz Edwards, Healthcare Standards Institute (HSI) | 347 Park Ridge, Boerne, TX 78006 | (210) 366-0033, hboisjoly@hsi.health

Approval of Reaccreditation – ASD

NENA - National Emergency Number Association

Effective July 1, 2025

The reaccreditation of **NENA - National Emergency Number Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NENA-sponsored American National Standards, effective **July 1, 2025**. For additional information, please contact: Sandy Dyre, National Emergency Number Association (NENA) | 1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | (202) 618-4412, sdyre@nena.org

Approval of Reaccreditation – ASD

NIST/ITL - National Institute of Standards and Technology/Information Technology Laboratory

Effective July 1, 2025

The reaccreditation of **NIST/ITL - National Institute of Standards and Technology/Information Technology Laboratory** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NIST/ITL-sponsored American National Standards, effective **July 1, 2025**. For additional information, please contact: Lisa Carnahan, National Institute of Standards and Technology/Information Technology Laboratory (NIST/ITL) | 100 Bureau Drive, Stop 8900, Gaithersburg, MD 20899-8900 | (301) 975-3362, lisa.carnahan@nist.gov

Accreditation Announcements (Standards Developers)

Public Review of Application for ASD Accreditation

ISC2 - International Information System Security Certification Consortium

Comment Deadline: 8/11/2025

The International Information System Security Certification Consortium (ISC2) has submitted an application for accreditation as a developer of American National Standards. ISC2's proposed scope of activity is:

ISC2 is committed to developing and maintaining industry-wide cybersecurity standards that enhance security, resilience, and interoperability. Through collaboration with government, industry, and academia, ISC2 ensures a transparent, consensus-driven process aligned with frameworks like NIST and ISO/IEC 27001. Continuous research, technology assessments, and expert input keep standards relevant, while ISC2 provides best practice and guidance to support adoption. By maintaining rigorous and adaptable standards, ISC2 help mitigate risks, protect critical infrastructure, and foster innovation while ensuring regulatory alignment and industry trust.

As the application materials are available electronically, the public review period is 30 days. To download a copy of ISC2's application and proposed operating procedures during the public review period, click here.

Please send any comments by the August 11, 2025 public review deadline to: Richard Gamache, International Information System Security Certification Consortium (ISC2) | 625 N. Washington Street, Suite 400, Alexandria, VA 22314 | (866) 331-4722, rgamache@isc2.org (please copy jthompso@ansi.org).

Public Review of Revised ASD Operating Procedures

AWS - American Welding Society

Comment Deadline: August 11, 2025

AWS - American Welding Society has submitted revisions to its currently accredited operating procedures for documenting consensus on AWS-sponsored American National Standards, under which it was last reaccredited in 2024. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Peter Portela, American Welding Society (AWS) | 8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | (800) 443-9353, pportela@aws.org

To view/download a copy of the revisions during the public review period, click here.

Please submit any public comments on the revised procedures to AWS by **August 11, 2025**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

IEEE - Institute of Electrical and Electronics Engineers

Comment Deadline: August 11, 2025

IEEE - Institute of Electrical and Electronics Engineers has submitted revisions to its currently accredited bylaws and standards board operations manual for documenting consensus on IEEE-sponsored American National Standards, under which it was last reaccredited in 2024. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: David Ringle, Institute of Electrical and Electronics Engineers (IEEE) | 445 Hoes Lane, Piscataway, NJ 08854-4141 | (732) 562-3806, d.ringle@ieee.org

To view/download a copy of the revisions during the public review period, click here

Please submit any public comments on the revised procedures to IEEE by **August 11, 2025**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASSP (Safety) - American Society of Safety Professionals

Z10 Committee for Occupational Health and Safety

The next meeting of the Z10 Committee for occupational health and safety will be held October 27th – October 29th, 2025 at the Health and Safety Council in Houston, TX. If you have interest in attending, please contact Tim Fisher, TFisher@assp.org, at ASSP for information.

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

Ladan Bulookbashi
LBulookbashi@aami.org

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

Emily Parks
eparks@abycinc.org

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

Mary Swick
swickm@ada.org

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

Luis Escobar
lescobar@aga.org

ANS
American Nuclear Society
1111 Pasquinelli Drive, Suite 350
Westmont, IL 60559
www.ans.org

Kathryn Murdoch
kmurdoch@ans.org

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
2950 Niles Road
St. Joseph, MI 49085
https://www.asabe.org/

Sydney Ingeson
ingeson@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 Parkway
Peachtree Corners, GA 20092
www.ashrae.org

Kai Nguyen
knguyen@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

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428
www.astm.org

Laura Klineburger
accreditation@astm.org

Lauren Daly
accreditation@astm.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 Suite 500
Washington, DC 20005
www.atis.org

Kayla Goldfarb
kgoldfarb@atis.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

CTA
Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
www.cta.tech

Kerri Haresign
KHaresign@cta.tech

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

Christopher Johnson
dasma@dasma.com

ECIA
Electronic Components Industry Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

Laura Donohoe
ldonohoe@ecianow.org

EMAP
Emergency Management Accreditation Program
201 Park Washington Court
Falls Church, VA 22046
www.emap.org

Nicole Ishmael
nishmael@emap.org

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

Christina Earl
cearl@esda.org

ESTA
Entertainment Services and Technology Association
271 Cadman Plaza, P.O. Box 23200
Brooklyn, NY 11202
www.esta.org

Richard Nix
standards@esta.org

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

Julia Schimmelpenningh
jcschi@eastman.com

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

Lynn Laakso
lynn@hl7.org

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

Suzanne Merten
s.merten@ieee.org

IIAR
International Institute of All-Natural Refrigeration
1001 North Fairfax Street
Alexandria, VA 22314
www.iiar.org

Tony Lundell
tony_lundell@iiar.org

ISDI (ASC MH2)
Industrial Steel Drum Institute
818 Providence Road
Towson, MD 21286
www.whysteeldrums.org

Ralph Reitenbach
reitenbach@industrialpackaging.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

Kim Quigley
kquigley@itic.org

MSS
Manufacturers Standardization Society
441 N. Lee Street
Alexandria, VA 22314
www.mss-hq.org

Stefania Adjei
standards@msshq.org

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

Zijun Tong
Zijun.Tong@nema.org

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

Michael Erbesfeld
Michael.Erbesfeld@nema.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

NFRC
National Fenestration Rating Council
6305 Ivy Lane, Suite 140
Greenbelt, MD 20770
www.nfrc.org

Jen Padgett
jpadgett@nfrc.org

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

Kaitey Morgan
kaitey.morgan@infusioncenter.org

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

Allan Rose
arose@nsf.org

Amy Jump
ajump@nsf.org

Shannon McCormick
smccormick@nsf.org

RESOLVE
Resolve, Inc.
2445 M Street, NW, Suite 550
Washington, DC 20037
www.resolve.ngo

Hannah Alday
halday@resolve.ngo

SPRI
Single Ply Roofing Industry
60 Hickory Drive
Waltham, MA 02451
www.spri.org

Cindy Tulimieri
info@spri.org

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

Teesha Jenkins
tjenkins@tiaonline.org

ULSE
UL Standards & Engagement
100 Queen St. Suite 1040
Ottawa, ON K1P 1
https://ulse.org/

Bahar Sammak
bahar.sammak@ul.org

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

Grayson Flake
Grayson.Flake@ul.org

Tony Partridge
Tony.Partridge@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
RTP, NC 27709
https://ulse.org/

Sean McAlister
sean.mcalister@ul.org

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

Olivia Lawson
olivia.lawson@ul.org

ULSE
UL Standards & Engagement
1603 Orrington Ave
Evanston, IL 60210
https://ulse.org/

Alan McGrath
alan.t.mcgrath@ul.org

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

Megan Monsen
megan.monsen@ul.org

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

Derrick Martin
Derrick.L.Martin@ul.org

USEMCSC
United States EMC Standards Corp.
445 Hoes Lane
Piscataway, NJ 08854

Jennifer Santulli
j.santulli@ieee.org

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

Jing Kwok
jing.kwok@vita.com

ExSC_042_2025
July 11, 2025 Standards Action

Proposed Procedural Revisions for Public Comment
Public Comments due August 11, 2025

Instructions for Submitting Public Review Comments

Public review comments are invited on the revisions shown in strikethrough-and-underline text. Public comments will be made available to the public, with attribution, in the ANSI Public Library within a reasonable time of the close of the public comment deadline. The ANSI Executive Standards Council (ExSC) will consider all timely and relevant public comments and provide a written response to commenters after the ExSC's September 2025 meeting.

When submitting public comments, please suggest alternative text, as appropriate. Public comments are to be submitted to psa@ansi.org. The deadline for filing public comments is **August 11, 2025**.

Thank you.

***

Proposed Revision to the Operating Procedures of the ANSI Board of Standards Review (BSR) and the ANSI Executive Standards Council (ExSC) concerning a pre-hearing dismissal of an appeal (Section 7.7 of the *Operating Procedures of the ANSI BSR* and Section 19.8 of the *Operating Procedures of the ANSI ExSC*)

Operating Procedures of the ANSI Board of Standards Review

7 Appeal of action on American National Standards

7.1 Right to appeal

All directly and materially interested parties[1] who have been or will be adversely affected by an action of the BSR, who completed the appeals process at the standards developer level and whose position is included in the BSR documentation, may appeal to the BSR a prior BSR decision regarding the approval or withdrawal of an American National Standard. The appeal shall be based on procedural criteria (see section 4). The BSR will not render decisions on the relative merits of technical matters, but it shall consider whether due process was afforded technical concerns. The burden of persuasion shall rest with the appellant.

The BSR may also hear appeals remanded or referred to the BSR by the ANSI Appeals Board. Pending a decision by the BSR, the original decision of the BSR shall remain in effect unless the BSR determines otherwise in accordance with section 7.2. No party to an appeal may communicate with any unrecused member of the ANSI BSR on the subject of the appeal while the matter is pending. All communications shall be directed to the secretary of the ANSI BSR.

[1] "Parties" includes organizations, companies, government agencies, individuals etc.

All parties filing or responding to appeals or authoring letters of support must be clearly identified, and contact information provided, at the time of filing. Anonymous filings will not be accepted.

7.2 Request to stay a decision pending the conclusion of an appeal

In the event that a party to a duly filed appeal wishes to request a stay of the decision at issue pending the conclusion of the review process, these procedures apply. The party requesting the stay will be allowed to submit a one-page statement to succinctly explain the extraordinary basis for the request and the other party, if it opposes, will also be allowed to submit a one-page statement to succinctly explain why the BSR should not grant the request.

a) The requestor shall contact the secretary to request implementation of this process.
b) The requestor will be allowed one week to submit a one-page statement in support of its request.
c) The one-page request will be provided to the other party(ies), which will in turn be allowed one week to submit a one-page response. (The one-page request/response shall be single spaced and 12 point font or larger.)
d) Both documents will be provided to the BSR via an expedited ballot.
e) The secretary will issue a written decision to both parties on behalf of the BSR.

7.3 Appeal

All appeals shall be made in writing. Appeals and the required filing fee shall be directed to the secretary of the ANSI BSR on or before midnight Eastern time of the due date. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

The appeal shall be comprised of a brief statement of the matter and the reason(s) why the appellant believes the decision is in error. Specifically, the appeal should include as appropriate:

a) a copy of the decision from which the appeal is taken;
b) an explanation of the issue and the procedural history;
c) arguments that explain why appellant believes the decision was in error;
d) references to the provision(s) of the ANSI procedures upon which appellant relies;
e) relevant evidence that directly supports appellant's position and upon which appellant relies;
f) letters of support for the appeal, if any, per section 7.5; and
g) the specific relief sought by appellant from the BSR.

The brief appeal statement (exclusive of exhibits and table of contents) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the BSR shall have discretion to extend this limit for good cause shown.

Unless otherwise instructed by the secretary of the BSR, the appeal shall be sent via electronic means (with one complete hard copy mailed to ANSI) within fifteen (15) working days following the date of the decision that is the subject of the appeal. If the appellant is unable to provide the required appeals materials within the fifteen (15) working day deadline, an extension may be requested, with the grounds for such request noted. Such request must be directed to the secretary of the BSR, within the fifteen (15) working day deadline or the appellant shall forfeit the right to appeal. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

7.4 Response
The appeal shall be distributed by the secretary of the BSR to the potential respondent(s) identified by the BSR to allow them the opportunity to respond, if they so desire. Thereafter, this party shall have fifteen (15) working days to submit their response to the appeal on or before midnight Eastern time of the due date.

The response shall include:

a) the reasons why respondent believes the decision under appeal was correct and a reference to the provisions in the ANSI procedures upon which the respondent relies;
b) relevant evidence that directly supports respondent's position and upon which respondent relies; and
c) letters of support for the response, if any, per section 7.5.

The brief response (exclusive of exhibits and table of contents) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the BSR shall have discretion to extend this limit for good cause shown.

The response shall be distributed by the secretary of the BSR to BSR members, subject to applicable conflict of interest procedures, and to the appellant. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

If the respondent is unable to provide the required response within fifteen (15) working days, an extension may be requested, with the grounds for such noted. Such request must be directed to the secretary of the BSR within the fifteen (15) working day deadline or the respondent shall forfeit the right to respond. Extensions of time to submit a response may be granted at the discretion of the Chair of the BSR, or, if the Chair is unavailable, the Vice Chair of the BSR or the secretary of the BSR.

7.5 Letters of support by non-parties to the appeal
A person or organization that is not a party to the appeal may submit a letter of support for a position taken by the appellant or respondent to the appeal by contacting that party and requesting that such a letter be included in that party's formal appeals brief or response. Such party-supporting letters shall be clearly marked as such, may not include new evidence, may not exceed three single-space pages in length, 12 point font or larger, and may address procedural issues only. Letters not meeting the requirements of this section will not be accepted without the approval of the BSR Chair or Vice Chair. Authors of such letters do not have any special standing with respect to ANSI's appeals processes, are not considered parties to the appeal and do not have the right to address the adjudicating body at the hearing on the matter.

7.6 ~~Hearing~~Appeals Panel
The secretary of the BSR shall establish a panel consisting of at least five BSR members to hear the appeal, subject to applicable conflict of interest procedures. If five members of the BSR are not available to serve on the panel, the Chair or the Vice Chair of the BSR may appoint one or more additional panel members who shall be persons knowledgeable about the *ANSI Essential Requirements: Due process requirements for American National Standards* (*ANSI Essential Requirements*) and the standards development process. Such appointment(s) of non-BSR members shall be with the concurrence of all parties to the appeal. A majority of the members of the panel shall be members of the BSR.

7.7 Pre-Hearing Disposition of Appeal

If, on the face of the appeal and response, the BSR panel determines that the appellant lacks standing to bring the appeal, the BSR lacks jurisdiction to hear the appeal, or there is some other like defect, the BSR panel may dismiss the appeal outright, without having to hold a hearing. If the BSR panel needs further information to determine whether such a pre-hearing dismissal is appropriate, the BSR panel can suspend holding a hearing while it poses questions to the parties on the issues of jurisdiction, standing, or the like.

If the appeal is dismissed without a hearing, the secretary will so notify the appellant and the respondent, in writing with a brief explanation of the basis for the dismissal.

7.8 Hearing

A hearing date for an appeal shall be set by the secretary of the BSR after consultation with the Chair. However, a later date may be scheduled if mutually agreeable to the participants in the hearing. All parties shall be given at least fifteen (15) working days notice of the hearing date. BSR panel members shall receive copies of the appeals record at least fifteen (15) working days prior to the date of the appeals hearing. The name and affiliation of all speakers and any observers must be provided to the secretary of the BSR in advance of the hearing.

At the hearing, the appellant's position shall be presented first, followed by the respondent. Each side is then allowed to respond until their total allotted time is exhausted. A half hour total, for the initial presentation and subsequent responses, is allotted for each side, with a limit of three speakers per side. Additional time is allotted for a question and answer session directed by the panel. At the hearing, speakers are not permitted to make assertions about facts or issues not in the record. The hearing may not be recorded in any way. At the close of the question and answer period, the appeals panel shall go into executive (closed) session for the purpose of arriving at a decision.

Should any party at interest not be present at the hearing, the decision of the BSR panel shall be based on the presentations made by the parties that are present at the hearing in addition to the written submissions on record.

7.8~~7~~ Decision

Decisions of BSR panels shall require a majority vote of the panel, shall represent the decision of the BSR, and shall be provided to all BSR members for their information. Notice of a decision reached by the BSR appeals panel shall be sent by the secretary to the parties within fifteen (15) working days unless an extension is authorized by the Chair of the BSR, or, if the Chair is unavailable, by the Vice Chair of the BSR. The decision shall specify the outcome of the appeal, and shall be accompanied by an explanation of the reasons for such outcome, and the specific relief granted, if any. The outcome of the appeal shall be announced in *Standards Action*.

7.9~~8~~ Accessibility of appeals decisions

A copy of the appeal decision shall be made available upon request.

7.10~~9~~ Appeal of BSR actions

In accordance with the ANSI Appeals Board Operating Procedures, an appeal from a decision to dismiss an appeal without a hearing or a final appeals decision of the BSR may be filed with the Appeals Board by the appellant or respondent to the BSR appeal at issue.

8 Informal settlement

ANSI encourages settlement of disputes at any time if the settlement is consistent with the objectives of the *ANSI Essential Requirements*. Any settlement (to which the parties agree in writing) that is consistent with these procedures, or an agreement to withdraw the appeal, will terminate the appeal process. If the settlement leads to a substantive change in the standard, the change must be processed in accordance with the *ANSI Essential Requirements.*

Operating Procedures of the ANSI Executive Standards Council

19 ExSC hearing of appeals

19.1 Right to appeal

All directly and materially interested parties[2] who have been or will be adversely affected by an action or inaction of the ExSC have the right to appeal in accordance with these procedures. Conclusion of the appeals process at the standards developer, or U.S. TAG, as the case may be, is not a precondition for filing an appeal with the ExSC of an organization's continuing accreditation status. Complaints concerning ANSI Audited Designators are governed by section 20 of these procedures and complaints concerning ANSI-Accredited U.S. TAGs to ISO are governed by section 21 of these procedures.

In connection with a new accreditation or reaccreditation[3] action, ANSI will notify those (if any) on record at ANSI who have objected to the action during the formal ANSI public review period, of the right to appeal. Any other party wishing to appeal such an action may do so in accordance with these procedures, but will not be given notice by ANSI and must file as a separate appellant in order to preserve standing to appeal to the ANSI Appeals Board.

All parties filing or responding to appeals or authoring letters of support must be clearly identified, and contact information provided, at the time of filing. Anonymous filings will not be accepted.

The ExSC may also hear appeals remanded or referred to the ExSC by the ANSI Appeals Board.

Other complaints or concerns of a directly and materially interested party who has been or will be adversely affected by any other kinds of actions or inactions of the ExSC should be brought to the attention of the ExSC secretary. The ExSC Executive Committee or the full ExSC (as determined by the Chair or Executive Committee) will address such concerns in a manner that it deems fair and reasonable, consistent with the *ANSI By-Laws* and these operating procedures.

19.2 Status of decision pending appeal and related communications

Pending a decision by the ExSC panel, the original decision of the ExSC shall remain in effect unless the ExSC determines otherwise, in accordance with section 19.3. No party to an appeal may communicate with any unrecused member of the ANSI ExSC on the subject of the appeal while the matter is pending. All communications shall be directed to the secretary of the ANSI ExSC.

[2] "Parties'" includes organizations, companies, government agencies, individuals etc.

[3] A "reaccreditation" action is the approval of revised procedures submitted by an ANSI-Accredited Standards Developer.

19.3 Request to stay a decision pending the conclusion of an appeal

In the event that a party to a duly filed appeal or complaint wishes to request a stay of the decision at issue pending the conclusion of the review process, these procedures apply. The party requesting the stay will be allowed to submit a one-page statement to succinctly explain the extraordinary basis for the request and the other party, if it opposes, will also be allowed to submit a one-page statement to succinctly explain why the ExSC should not grant the request.

a) The requestor shall contact the secretary to request implementation of this process.
b) The requestor will be allowed one week to submit a one-page statement in support of its request.
c) The one-page request will be provided to the other party(ies), which will in turn be allowed one week to submit a one-page response. (The one-page request/response shall be single spaced and 12 point font or larger.)
d) Both documents will be provided to the ExSC via an expedited ballot.
e) The secretary will issue a written decision to both parties on behalf of the ExSC.

19.4 Appeals Panel

Hearing of appeals by the ExSC shall be handled by a panel of at least five ExSC voting members established for each appeal. If five members of the ExSC are not available to serve on the panel, the Chair or the Vice Chair of the ExSC may appoint one or more additional panel members who shall be persons knowledgeable about the *ANSI Essential Requirements* or the *ANSI International Procedures,* as applicable, and the standards development process. Such appointment(s) of non-ExSC members shall be with the concurrence of all parties to the appeal. A majority of the members of the panel shall be members of the ExSC.

19.5 Appeal

All appeals shall be made in writing. Appeals and the required filing fee shall be directed to the secretary of the ANSI ExSC on or before midnight Eastern time of the due date. The filing fee may be waived or reduced only upon sufficient evidence of hardship.

The appeal shall be comprised of a brief statement of the matter and the reason(s) why the appellant believes the decision is in error. Specifically, the appeal should include as appropriate:

a) a copy of the decision from which the appeal is taken;
b) an explanation of the issue and the procedural history;
c) arguments that explain why appellant believes the decision was in error;
d) references to the provision(s) of the ANSI procedures upon which appellant relies;
e) relevant evidence that directly supports appellant's position and upon which appellant relies;
f) letters of support for the appeal, if any, per section 19.7; and
g) the specific relief sought by appellant from the ExSC.

The brief appeal statement (exclusive of exhibits and table of contents) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the ExSC shall have discretion to extend this limit for good cause shown.

Unless otherwise instructed by the secretary of the ExSC, the appeal shall be sent via electronic means (with one complete hard copy mailed to ANSI) within fifteen (15) working days following the date of the decision that is the subject of the appeal or at any time with respect to an inaction by

the ExSC or an appeal of an organization's continuing status as an ANSI-Accredited Standards Developer or ANSI-Accredited U.S. TAG Administrator to ISO. If the appellant is unable to provide the required appeals materials within the fifteen (15) working day deadline, an extension may be requested, with the grounds for such request noted. Such request must be directed to the secretary of the ExSC, within the fifteen (15) working day deadline or the appellant shall forfeit the right to appeal. Extensions of time to submit an appeal may be granted at the discretion of the Chair of the ExSC, or, if the Chair is unavailable, the Vice Chair of the ExSC or the secretary of the ExSC. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

19.6 Response

The appeal shall be distributed by the secretary of the ExSC to the potential respondent(s) identified by the ExSC to allow them the opportunity to respond, if they so desire. Thereafter, this party shall have fifteen (15) working days to submit their response to the appeal on or before midnight Eastern time of the due date.

The response shall include:

a) the reasons why respondent believes the decision under appeal was correct and a reference to the provisions in the ANSI procedures upon which the respondent relies;
b) relevant evidence that directly supports respondent's position and upon which respondent relies; and
c) letters of support for the response, if any, per section 19.7.

The brief response (exclusive of exhibits and table of contents) shall not be more than 30 pages, double-spaced, 12 point font or larger. The secretary of the ExSC shall have discretion to extend this limit for good cause shown.

The response shall be distributed by the secretary of the ExSC to ExSC members, subject to applicable conflict of interest procedures, and to the appellant. No supplemental filing prior to the forthcoming hearing shall be permitted without a showing of good cause.

If the respondent is unable to provide the required response within fifteen (15) working days, an extension may be requested, with the grounds for such noted. Such request must be directed to the secretary of the ExSC within the fifteen (15) working day deadline or the respondent shall forfeit the right to respond. Upon receipt of the response it shall be provided to the appellant for information only. No reply to the response prior to the forthcoming hearing shall be permitted without a showing of good cause. Extensions of time to submit a response may be granted at the discretion of the Chair of the ExSC, or, if the Chair is unavailable, the Vice Chair of the ExSC or the secretary of the ExSC.

19.7 Letters of support by non-parties to the appeal

A person or organization that is not a party to the appeal may submit a letter of support for a position taken by the appellant or respondent to the appeal by contacting that party and requesting that such a letter be included in that party's formal appeals brief or response.

Such party-supporting letters shall be clearly marked as such, may not include new evidence, may not exceed three single-space pages in length, 12 point font or larger, and may address procedural issues only. Letters not meeting the requirements of this section will not be accepted without the approval of the ExSC Chair or Vice Chair. Authors of such letters do not have any special standing

with respect to ANSI's appeals processes, are not considered parties to the appeal and do not have the right to address the adjudicating body at the hearing on the matter.

19.8 Pre-Hearing Disposition of Appeal

If, on the face of the appeal and response, the ExSC panel determines that the appellant lacks standing to bring the appeal, the ExSC lacks jurisdiction to hear the appeal, or there is some other like defect, the ExSC panel may dismiss the appeal outright, without having to hold a hearing. If the ExSC panel needs further information to determine whether such a pre-hearing dismissal is appropriate, the ExSC panel can suspend holding a hearing while it poses questions to the parties on the issues of jurisdiction, standing, or the like.

If the appeal is dismissed without a hearing, the secretary will so notify the appellant and the respondent, in writing with a brief explanation of the basis for the dismissal.

19.~~9~~8 Hearing

The secretary of the ExSC shall establish a panel to hear the appeal, subject to applicable conflict of interest procedures.

A hearing date for an appeal shall be set by the secretary of the ExSC after consultation with the Chair. However, a later date may be scheduled if mutually agreeable to the participants in the hearing. All parties shall be given at least fifteen (15) working days notice of the hearing date. Panel members shall receive copies of the appeals record at least fifteen (15) working days prior to the date of the appeals hearing. The name and affiliation of all speakers and any observers must be provided to the secretary of the ExSC in advance of the hearing.

At the hearing, the appellant's position shall be presented first, followed by the respondent. Each side is then allowed to respond until their total allotted time is exhausted. A half hour total, for the initial presentation and subsequent responses, is allotted for each side, with a limit of three speakers per side. Additional time is allotted for a question and answer session directed by the panel. At the hearing, speakers are not permitted to make assertions about facts or issues not in the record. The hearing may not be recorded in any way. At the close of the question and answer period, the appeals panel shall go into executive (closed) session for the purpose of arriving at a decision.

Should any party at interest not be present at the hearing, the decision of the ExSC panel shall be based on the presentations made by the parties that are present at the hearing in addition to the written submissions on record.

~~19.9~~20 Decision

Decisions of ExSC appeals panels shall require a majority vote of the panel, shall represent the decision of the ExSC, and shall be provided to the ExSC for their information. Notice of a decision reached by the ExSC appeals panel shall be sent by the secretary to the parties within fifteen (15) working days, unless an extension is authorized by the Chair of the ExSC, or, if the Chair is unavailable, by the Vice Chair. The decision shall specify the outcome of the appeal, and shall be accompanied by an explanation of the reasons for such outcome, and the specific relief granted, if any. The outcome of the appeal shall be announced in *Standards Action*.

2~~4~~3 Appeal of ExSC Actions

In accordance with the *ANSI Appeals Board Operating Procedures*, an appeal from a final appeal or complaint decision of the ExSC, or from a decision to dismiss an appeal, may be filed with the Appeals Board by the appellant or respondent to the ExSC appeal or complaint at issue.

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

Aircraft and space vehicles (TC 20)

ISO/DIS 21895, Categorization and classification of civil unmanned aircraft systems - 9/18/2025, $53.00

Banking and related financial services (TC 68)

ISO/DIS 13133, Financial Services - Security Reference Model for Digital Currency Hardware Wallet (SRM-DCHW) - 9/22/2025, $102.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 2768, Geometrical product specifications (GPS) - Dimensional tolerancing - Tolerance limits for general specification of linear and angular sizes - 9/18/2025, $53.00

Facilities management (TC 267)

ISO/DIS 41002, Facility management - Development of the facility management organization - 9/21/2025, $93.00

Fasteners (TC 2)

ISO/DIS 1891-2, Fasteners - Vocabulary - Part 2: Coatings - 9/22/2025, $119.00

Gas turbines (TC 192)

ISO/DIS 2314, Gas turbines - Acceptance tests - 9/18/2025, $165.00

Health Informatics (TC 215)

ISO/DIS 20737, Health informatics - Interoperability of personal health decision support services - 9/20/2025, $58.00

Implants for surgery (TC 150)

ISO/DIS 5833, Implants for surgery - Acrylic resin cements - 9/21/2025, $82.00

Industrial automation systems and integration (TC 184)

ISO/DIS 15926-100, Industrial automation systems and integration - Integration of life-cycle data for process plants including oil and gas production facilities - Part 100: Vocabulary - 9/20/2025, $98.00

Lifts, escalators, passenger conveyors (TC 178)

ISO/DIS 8102-1, Electrical requirements for lifts, escalators and moving walks - Part 1: Electromagnetic compatibility with regard to emissions - 9/22/2025, $71.00

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

ISO/DIS 23936-3, Oil and gas industries including lower carbon energy - Non-metallic materials in contact with media related to oil and gas production - Part 3: Part 3: Thermosets - 9/21/2025, $107.00

Non-destructive testing (TC 135)

ISO/DIS 14096-2, Non-destructive testing - Qualification of radiographic film digitisation systems - Part 2: Minimum requirements - 9/22/2025, $33.00

Nuclear energy (TC 85)

ISO/DIS 11932, Activity measurements of solid materials considered for recycling, re-use or disposal as non-radioactive waste - 9/21/2025, $67.00

Packaging (TC 122)

ISO/DIS 6599-1, Packaging - Conditioning for testing - Part 1: Paper sacks - 9/22/2025, $33.00

Paper, board and pulps (TC 6)

ISO/DIS 5627, Paper and board - Determination of smoothness (Bekk method) - 9/20/2025, $62.00

Petroleum products and lubricants (TC 28)

ISO/DIS 20846, Petroleum and related products - Determination of sulfur content of automotive fuels - Ultraviolet fluorescence method - 9/19/2025, $62.00

Plastics (TC 61)

ISO/DIS 23648, Plastics - Fire performance test on water-filled plastic pipes - 9/22/2025, $46.00

Pulleys and belts (including veebelts) (TC 41)

ISO/DIS 3410, Agricultural machinery - Endless variable-speed V-belts and groove sections of corresponding pulleys (System based on datum width) - 9/18/2025, $53.00

Road vehicles (TC 22)

ISO 22760-3:2024/DAmd 1, - Amendment 1: Road vehicles - Dimethyl Ether (DME) fuel system components - Part 3: 85% stop valve - Amendment 1 - 9/19/2025, $29.00

ISO 22760-4:2024/DAmd 1, - Amendment 1: Road vehicles - Dimethyl Ether (DME) fuel system components - Part 4: Level indicator - Amendment 1 - 9/18/2025, $29.00

ISO 22760-9:2024/DAmd 1, - Amendment 1: Road vehicles - Dimethyl Ether (DME) fuel system components - Part 9: Pressure relief device (PRD) - Amendment 1 - 9/18/2025, $29.00

ISO/DIS 12619, Road vehicles - Natural gas/Hydrogen blends fuel system components - 9/20/2025, $46.00

ISO/DIS 15118-2, Road vehicles - Vehicle-to-Grid Communication Interface - Part 2: Network and application protocol requirements - 9/19/2025, $269.00

Rubber and rubber products (TC 45)

ISO/DIS 247-1, Rubber - Determination of ash - Part 1: Combustion method - 9/20/2025, $40.00

Ships and marine technology (TC 8)

ISO/DIS 21070, Ships and marine technology - Marine environment protection - Management and handling of shipboard garbage - 9/18/2025, $77.00

Sports and recreational equipment (TC 83)

ISO/DIS 10256-5.2, Protective equipment for use in ice hockey - Part 5: Neck laceration protectors for use in ice hockey - 7/13/2025, $53.00

Sterilization of health care products (TC 198)

ISO/DIS 11607-3, Packaging for terminally sterilized medical devices - Part 3: Requirements for process development for forming, sealing and assembly - 9/25/2025, $93.00

Sustainable development in communities (TC 268)

ISO/DIS 37194, Smart community infrastructures - Disaster risk reduction - Guidance for the process of selecting seismometer systems suitable for specific purposes - 9/25/2025, $107.00

Textiles (TC 38)

ISO/DIS 24304, Textiles - Determination of the aerobic biodegradation of textile materials in seawater by measuring the biochemical oxygen demand or the amount of evolved carbon dioxide - 9/18/2025, $71.00

Traditional Chinese medicine (TC 249)

ISO/DIS 24996, Traditional Chinese medicine - General requirements for the basic safety and essential performance of the transcutaneous electrical acupoint stimulators - 9/21/2025, $46.00

Tyres, rims and valves (TC 31)

ISO/DIS 13326, Test methods for measuring tyre uniformity - 9/25/2025, FREE

Vacuum technology (TC 112)

ISO/DIS 27893, Vacuum technology - Vacuum gauges - Evaluation of the uncertainties of results of calibrations by direct comparison with a reference gauge - 9/19/2025, $71.00

Water quality (TC 147)

ISO/DIS 10704, Water quality - Gross alpha and gross beta activity - Test method using thin source deposit - 9/20/2025, $82.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 38501-1, Information technology - Governance of IT - Implementation guidance - Part 1: Approach - 9/25/2025, $58.00

IEC Standards

Alarm systems (TC 79)

79/727(F)/FDIS, IEC 62676-4 ED2: Video surveillance systems for use in security applications - Part 4: Application guidelines, 07/25/2025

Audio, video and multimedia systems and equipment (TC 100)

100/4359/CD, IEC TR 63668 ED1: Autonomous WPT on moving devices which support multimedia and service, 08/29/2025

100/4361/CD, IEC TR 63669 ED1: Alignment of Heterogeneous Media Data Streams, 08/29/2025

Capacitors and resistors for electronic equipment (TC 40)

40/3237/FDIS, IEC 60384-14-1 ED4: Fixed capacitors for use in electronic equipment - Part 14-1: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Assessment level DZ, 08/15/2025

40/3238/FDIS, IEC 60384-14-2 ED3: Fixed capacitors for use in electronic equipment - Part 14-2: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Safety tests only, 08/15/2025

Electric road vehicles and electric industrial trucks (TC 69)

69/1068/DPAS, IEC PAS 61980-4 ED1: Interoperability and safety of high power wireless power transfer (H-WPT) for electric vehicles, 08/29/2025

Electrical accessories (TC 23)

23/1158A/NP, PNW 23-1158 ED1: Product specific rules for electrical accessories: General requirements, 09/05/2025

23/1159A/NP, PNW 23-1159 ED1: Product specific rules for electrical accessories: Specific requirements for electrical accessories except cable management systems in the scope of SC23A, 09/05/2025

23/1160A/NP, PNW 23-1160 ED1: Product specific rules for electrical accessories: Specific requirements for cable management systems in the scope of 23A, 09/05/2025

Electrical apparatus for explosive atmospheres (TC 31)

31/1887/FDIS, IEC 60079-28 ED3: Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation, 08/15/2025

31/1889/FDIS, IEC 60079-29-0 ED1: Explosive atmospheres - Part 29-0: Gas detectors - General requirements and test methods, and possible supplementary parts, 08/15/2025

31/1869/CDV, IEC 60079-42 ED1: Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources for Ex-Equipment, 08/29/2025

31/1871/CDV, IEC 60079-46 ED1: Explosive atmospheres - Part 46: Equipment assemblies, 09/26/2025

31M/267/CD, ISO/IEC 80079-20-1 ED2: Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data, 08/29/2025

Electrical equipment in medical practice (TC 62)

62/553/CD, IEC 60050-881 ED2: International Electrotechnical Vocabulary (IEV) - Part 881: Radiology and radiological physics, 09/26/2025

62D/2240/CD, IEC 60601-2-36 ED3: Medical electrical equipment - Part 2-36: Particular requirements for the basic safety and essential performance of equipment for extracorporeally induced lithotripsy, 08/29/2025

62D/2239/FDIS, IEC 80601-2-89 ED1: Medical electrical equipment - Part 2-89: Particular requirements for the basic safety and essential performance of medical beds for children, 08/15/2025

Electrical installations of buildings (TC 64)

64/2765/FDIS, IEC 60364-7-712 ED3: Low voltage electrical installations - Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems, 08/15/2025

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

18/1988/CD, IEC 60092-509 ED2: Electrical installations in ships - Part 509: Operation of electrical installations, 09/26/2025

Electromagnetic compatibility (TC 77)

77/626/CD, Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000 -4 series, 09/26/2025

Fibre optics (TC 86)

86A/2602(F)/FDIS, IEC 60794-1-130 ED1: Optical fibre cables - Part 1-130: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Coefficient of dynamic friction between cables, Methods E30, 08/08/2025

86B/5093/CD, IEC 61755-2-4 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres - Non-angled for reference connection applications, 08/29/2025

Flat Panel Display Devices (TC 110)

110/1782/CD, IEC 62977-1-2 ED1: Electronic displays - Part 1-2: Generic - Terminology and letter symbols, 08/29/2025

Insulating materials (TC 15)

15/1068/CD, IEC 60455-3-8 ED3: Resin-based reactive compounds used for electrical insulation - Part 3-8: Specifications for individual materials - Resins for cable accessories, 08/29/2025

Lamps and related equipment (TC 34)

34/1334/CD, IEC 63627 ED1: Environmental aspects for lighting - Product specific rules for luminaires, 09/26/2025

Laser equipment (TC 76)

76/774/CDV, IEC 60601-2-22/AMD1 ED4: Amendment 1 - Medical electrical equipment - Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment, 09/26/2025

Lightning protection (TC 81)

81/794(F)/FDIS, IEC 62561-2 ED3: Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes, 07/18/2025

Measuring equipment for electromagnetic quantities (TC 85)

85/964/NP, PNW 85-964 ED1: Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500V DC - Equipment for testing, measuring or monitoring of protective measures - Part 12-1: Power metering and monitoring devices for DC systems (PMD-DC), 09/26/2025

Nuclear instrumentation (TC 45)

45A/1611(F)/FDIS, IEC 63374 ED1: Nuclear power plants - Instrumentation systems important to safety - Characteristics and test methods of nuclear reactor reactivity meters, 07/18/2025

Performance of household electrical appliances (TC 59)

59D/531/CD, IEC 61121 ED5: Tumble dryers for household use - Methods for measuring the performance, 08/29/2025

59M/186/FDIS, IEC 62552-1/AMD2 ED1: Amendment 2 - Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements, 08/15/2025

59M/187/FDIS, IEC 62552-2/AMD2 ED1: Amendment 2 - Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements, 08/15/2025

59M/188/FDIS, IEC 62552-3/AMD2 ED1: Amendment 2 - Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume, 08/15/2025

Power electronics (TC 22)

22/424/CD, IEC 62477-2 ED2: Safety requirements for power electronic converter systems and equipment - Part 2: High Voltage Power electronic converters up to 36 kV a.c. or 54 kV d. c., 09/19/2025

Semiconductor devices (TC 47)

47E/860/CDV, IEC 60747-14-12 ED1: Semiconductor devices - Part 14-12: Semiconductor sensors - Performance test methods for CMOS imager-based gas sensors, 09/26/2025

Solar photovoltaic energy systems (TC 82)

82/2456/FDIS, IEC 63409-3 ED1: Photovoltaic power generating systems connection with grid - Testing of power conversion equipment - Part 3: Basic operations, 08/15/2025

82/2464/DTS, IEC TS 62257-350 ED1: Renewable energy off-grid systems - Part 350: Recommendations for selection of inverters, 08/29/2025

Solar thermal electric plants (TC 117)

117/228/CD, IEC 62862-3-5 ED1: Solar thermal electric plants - Part 3-5: Laboratory reflectance measurement of solar reflectors, 08/29/2025

Standard voltages, current ratings and frequencies (TC 8)

8/1756/DTS, IEC TS 62786-2 ED1: Distributed energy resources connection with the grid - Part 2: Additional requirements for PV generation systems, 08/29/2025

8C/136/DTS, IEC TS 63384-2 ED1: Power System Stability Control - Part 2: Guideline for quantitative assessment of power system stability and security, 08/29/2025

Surface mounting technology (TC 91)

91/2040/CDV, IEC 63569 ED1: High-level test description table for development of production test programs, 09/26/2025

Switchgear and controlgear (TC 17)

17/1187/DTR, IEC TR 62271-321 ED1: High voltage switchgear and controlgear data and properties for information exchange - Part 321: Catalogue data, 08/29/2025

(TC 132)

132/2/NP, PNW 132-2 ED1: Standard for Consistent and Effective Electronic Labelling Across Industries, 09/26/2025

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC41/528/CD, IEC TR 30189-2 ED1: Internet of Things (IoT) - IoT-based management of tangible cultural heritage assets - Part 2: Use cases, 08/29/2025

JTC1-SC41/529/CD, ISO/IEC 30197 ED1: Internet of Things (IoT) - IoT for stress management, good health and well-being, 08/29/2025

JTC1-SC25/3329/NP, PNW JTC1-SC25-3329 ED1: Information technology-Home Electronic System (HES) architecture - Part 5 -106: Intelligent grouping and resource sharing for HES Class 2 and Class 3 - Home networked fitness exercise equipment system architecture, 09/26/2025

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 3632-1:2025, Spices - Saffron (Crocus sativus L.) - Part 1: Specification, $56.00

Aircraft and space vehicles (TC 20)

ISO 8642:2025, Aerospace - Self-locking nuts with maximum operating temperature greater than 425 °C - Test methods, $172.00

ISO 18487-1:2025, Aerospace series - Titanium tube for 35 MPa operating pressure - Part 1: Inch series, $127.00

Anaesthetic and respiratory equipment (TC 121)

ISO 7396-3:2025, Medical gas pipeline systems - Part 3: Proportioning units for the production of synthetic medical air, $201.00

Child care articles (TC 310)

ISO 23645:2025, Child care articles - Baby walking frames - Safety requirements and test methods, $230.00

Concrete, reinforced concrete and pre-stressed concrete (TC 71)

ISO 18985:2025, Recycled aggregates for concrete, $127.00

Dentistry (TC 106)

ISO 18397:2025, Dentistry - Powered scalers, $127.00

Equipment for fire protection and fire fighting (TC 21)

ISO 6182-2:2025, Fire protection - Automatic sprinkler systems - Part 2: Requirements and test methods for sprinkler system alarm valves, check valves, water motor alarms, retard devices and accelerators, $201.00

Fine ceramics (TC 206)

ISO 17590:2025, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods of tests for reinforcements - Determination of the tensile properties of ceramic filaments at elevated temperature in air using the hot grip technique, $84.00

Fire safety (TC 92)

ISO 3957:2025, Reaction to fire tests - Parallel panel test method for wall systems - Measurement of heat release and smoke production, $230.00

Floor coverings (TC 219)

ISO 23106:2025, Textile floor coverings - Production of changes in appearance by means of Vettermann drum tester, $56.00

ISO 23122:2025, Textile floor coverings - Production of changes in appearance by means of a hexapod tumbler tester, $84.00

Fluid power systems (TC 131)

ISO 7368:2025, Hydraulic fluid power - Two-port slip-in cartridge valves - Cavities, $230.00

Health Informatics (TC 215)

ISO 16843-2:2025, Health informatics - Categorial structures for representation of acupuncture - Part 2: Needling, $84.00

ISO/PAS 24305:2025, Health informatics - Guidelines for implementation of HL7 FHIR based on ISO 13940:2015, ISO 13606-1:2019 and ISO 13606-3:2019, $287.00

Hydrogen energy technologies (TC 197)

ISO 19880-5:2025, Gaseous hydrogen - Fuelling stations - Part 5: Dispenser hoses and hose assemblies, $201.00

ISO 22734-1:2025, Hydrogen generators using water electrolysis - Part 1: Safety, $259.00

Implants for surgery (TC 150)

ISO 5834-1:2025, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 1: Powder form, $56.00

ISO 5834-2:2025, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 2: Moulded forms, $56.00

ISO 5834-3:2025, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 3: Accelerated ageing methods after gamma irradiation in air, $56.00

ISO 5834-4:2025, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 4: Oxidation index measurement method, $84.00

ISO 5834-5:2025, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 5: Morphology assessment method, $56.00

Information and documentation (TC 46)

ISO 15924:2022/Amd 1:2025, - Amendment 1: Information and documentation - Codes for the representation of names of scripts - Amendment 1, $23.00

Learning services for non-formal education and training (TC 232)

ISO 21001:2025, Educational organizations - Management systems for educational organizations - Requirements with guidance for use, $259.00

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

ISO/PAS 16846:2025, Oil and gas industries including lower carbon energy - Thermoplastics lined tubing for wells, $230.00

Measurement of fluid flow in closed conduits (TC 30)

ISO 3966:2025, Measurement of fluid flow in closed conduits - Velocity area method using Pitot static tubes, $259.00

Mining (TC 82)

ISO 22932-8:2025, Mining - Vocabulary - Part 8: Extraction, $259.00

ISO 22932-9:2025, Mining - Vocabulary - Part 9: Drainage, $201.00

Non-destructive testing (TC 135)

ISO 19232-3:2025, Non-destructive testing - Image quality of radiographs - Part 3: Minimum image quality values, $84.00

Nuclear energy (TC 85)

ISO 7097-1:2025, Nuclear fuel technology - Determination of uranium in solutions, uranium hexafluoride and solids - Part 1: Iron(II) reduction/potassium dichromate oxidation titrimetric method, $127.00

Optics and optical instruments (TC 172)

ISO 17123-6:2025, Optics and optical instruments - Field procedures for testing geodetic and surveying instruments - Part 6: Rotating lasers, $201.00

Photography (TC 42)

ISO 21496-1:2025, Digital photography - Gain map metadata for image conversion - Part 1: Dynamic range conversion, $127.00

Pigments, dyestuffs and extenders (TC 256)

ISO 6031:2025, Functional extenders for special application - Nanoscale diamonds for polymer composites, $84.00

Plastics (TC 61)

ISO 6427:2025, Plastics - Determination of matter extractable by organic solvents (conventional methods), $127.00

Railway applications (TC 269)

ISO 25711:2025, Railway applications - Vocabulary for fire safety of rolling stocks, $84.00

ISO 9828-1:2025, Railway applications - Fire protection on railway vehicles - Part 1: General, $84.00

Refractories (TC 33)

ISO 16206:2025, Phase quantitative analysis of residual quartz in silica bricks - X-ray diffraction method, $84.00

Rubber and rubber products (TC 45)

ISO 2440:2025, Flexible and rigid cellular polymeric materials - Accelerated ageing tests, $84.00

ISO 3386-1:2025, Polymeric materials, cellular flexible - Determination of stress-strain characteristics in compression - Part 1: Low-density materials, $56.00

Sludge recovery, recycling, treatment and disposal (TC 275)

ISO 13610:2025, Sludge recovery, recycling, treatment and disposal - Determination of calorific value of sludge, $127.00

Solid mineral fuels (TC 27)

ISO 1952:2025, Coal - Determination of extractable metals in dilute hydrochloric acid, $84.00

ISO 15238:2025, Coal - Determination of total cadmium, $56.00

ISO Technical Reports

Road vehicles (TC 22)

ISO/TR 24935:2025, Road vehicles - Software update over the air using mobile cellular network, $230.00

ISO Technical Specifications

Excellence in service (TC 312)

ISO/TS 19390:2025, Service excellence - Implementation approach for ISO 23592, $127.00

Road vehicles (TC 22)

ISO/TS 4654:2025, Road vehicles - Advanced automatic collision notification (AACN) systems - Methodology for creating and validating algorithms for injury level prediction, $230.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 20226:2025, Information technology - Artificial intelligence - Environmental sustainability aspects of AI systems, $259.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 42006:2025, Information technology - Artificial intelligence - Requirements for bodies providing audit and certification of artificial intelligence management systems, $201.00

ISO/IEC 21794-6:2025, Information technology - Plenoptic image coding system (JPEG Pleno) - Part 6: Learning-based point cloud coding, $259.00

ISO/IEC 15944-12:2025, Information technology - Business operational view - Part 12: Privacy protection requirements (PPR) on information life cycle management (ILCM) and EDI of personal information (PI), $287.00

ISO/IEC 20071-20:2025, Information technology - User interface component accessibility - Part 20: Developing audiovisual content, $84.00

ISO/IEC 23008-12:2025, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image File Format, $287.00

ISO/IEC/IEEE 8802-1CS:2022/Cor 1:2025, Corrigendum, FREE

IEC Standards

All-or-nothing electrical relays (TC 94)

IEC 63522-30 Ed. 1.0 b:2025, Electrical relays - Tests and measurements - Part 30: Contact sticking (delayed release), $26.00

IEC 63522-30 Ed. 1.0 en:2025, Electrical relays - Tests and measurements - Part 30: Contact sticking (delayed release), $26.00

Audio, video and multimedia systems and equipment (TC 100)

IEC 63563-8 Ed. 1.0 b:2025, Qi Specification version 2.0 - Part 8: NFC Tag Protection, $322.00

IEC 63563-9 Ed. 1.0 b:2025, Qi Specification version 2.0 - Part 9: Authentication Protocol, $496.00

IEC 60268-16 Ed. 5.0 b Cor.1:2025, Corrigendum 1: Sound system equipment - Part 16: Objective rating of speech intelligibility by speech transmission index, $0.00

IEC 61937-17 Ed. 1.0 en:2025, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 17: Non-linear PCM bitstreams according to the AVS3-P3 format, $52.00

IEC 63563-10 Ed. 1.0 b:2025, Qi Specification version 2.0 - Part 10: MPP System Specification, $580.00

IEC 63563-11 Ed. 1.0 b:2025, Qi Specification version 2.0 - Part 11: MPP Communications Protocol, $496.00

Capacitors and resistors for electronic equipment (TC 40)

IEC 60384-14 Amd.1 Ed. 5.0 b:2025, Amendment 1 - Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $26.00

IEC 60384-14 Amd.1 Ed. 5.0 en:2025, Amendment 1 - Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $26.00

IEC 60384-14 Ed. 5.1 en:2025, Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $824.00

IEC 60384-14 Amd.1 Ed. 5.0 b:2025, Amendment 1 - Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $26.00

IEC 60384-14 Amd.1 Ed. 5.0 en:2025, Amendment 1 - Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $26.00

IEC 60384-14 Ed. 5.1 en:2025, Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $824.00

Electric road vehicles and electric industrial trucks (TC 69)

IEC 62840-2 Ed. 2.0 b:2025, Electric vehicle battery swap system - Part 2: Safety requirements, $361.00

IEC 62840-2 Ed. 2.0 en:2025, Electric vehicle battery swap system - Part 2: Safety requirements, $361.00

IEC 62840-2 Ed. 2.0 en:2025 CMV, Electric vehicle battery swap system - Part 2: Safety requirements, $721.00

IEC 62840-2 Ed. 2.0 b:2025, Electric vehicle battery swap system - Part 2: Safety requirements, $361.00

IEC 62840-2 Ed. 2.0 en:2025, Electric vehicle battery swap system - Part 2: Safety requirements, $361.00

IEC 62840-2 Ed. 2.0 en:2025 CMV, Electric vehicle battery swap system - Part 2: Safety requirements, $721.00

Environmental conditions, classification and methods of test (TC 104)

IEC 60721-3-6 Ed. 2.0 b:2025, Classification of environmental conditions - Part 3-6: Classification of groups of environmental parameters and their severities - Ship environments, $103.00

IEC 60721-3-6 Ed. 2.0 en:2025, Classification of environmental conditions - Part 3-6: Classification of groups of environmental parameters and their severities - Ship environments, $103.00

IEC 60721-3-6 Ed. 2.0 b:2025, Classification of environmental conditions - Part 3-6: Classification of groups of environmental parameters and their severities - Ship environments, $103.00

IEC 60721-3-6 Ed. 2.0 en:2025, Classification of environmental conditions - Part 3-6: Classification of groups of environmental parameters and their severities - Ship environments, $103.00

Power electronics (TC 22)

IEC 62909-1 Ed. 2.0 b:2025, Bi-directional grid-connected power converters - Part 1: General and safety requirements, $200.00

IEC 62909-1 Ed. 2.0 en:2025, Bi-directional grid-connected power converters - Part 1: General and safety requirements, $200.00

IEC 62909-1 Ed. 2.0 b:2025, Bi-directional grid-connected power converters - Part 1: General and safety requirements, $200.00

IEC 62909-1 Ed. 2.0 en:2025, Bi-directional grid-connected power converters - Part 1: General and safety requirements, $200.00

Power system control and associated communications (TC 57)

IEC 62488-1 Ed. 2.0 b:2025, Power line communication systems for power utility applications - Part 1: Planning of analogue and digital power line carrier systems operating over HV electricity grids, $496.00

IEC 62488-1 Ed. 2.0 en:2025, Power line communication systems for power utility applications - Part 1: Planning of analogue and digital power line carrier systems operating over HV electricity grids, $496.00

IEC 62488-1 Ed. 2.0 b:2025, Power line communication systems for power utility applications - Part 1: Planning of analogue and digital power line carrier systems operating over HV electricity grids, $496.00

IEC 62488-1 Ed. 2.0 en:2025, Power line communication systems for power utility applications - Part 1: Planning of analogue and digital power line carrier systems operating over HV electricity grids, $496.00

Safety of Electronic Equipment within the Field of Audio/Video, Information Technology and Communication Technology (TC 108)

S+ IEC/TR 62368-2 Ed. 4.0 en:2025 (Redline version), Audio/video, information and communication technology equipment - Part 2: Explanatory information related to IEC 62368-1:2023, $985.00

S+ IEC/TR 62368-2 Ed. 4.0 en:2025 (Redline version), Audio/video, information and communication technology equipment - Part 2: Explanatory information related to IEC 62368-1:2023, $985.00

IEC Technical Reports

Flat Panel Display Devices (TC 110)

IEC/TR 63340-3 Ed. 1.0 en:2025, Electronic displays for special applications - Part 3: Gaming and e-sports, $258.00

IEC/TR 63340-3 Ed. 1.0 en:2025, Electronic displays for special applications - Part 3: Gaming and e-sports, $258.00

Safety of Electronic Equipment within the Field of Audio/Video, Information Technology and Communication Technology (TC 108)

IEC/TR 62368-2 Ed. 4.0 en:2025, Audio/video, information and communication technology equipment - Part 2: Explanatory information related to IEC 62368-1:2023, $580.00

IEC/TR 62368-2 Ed. 4.0 en:2025, Audio/video, information and communication technology equipment - Part 2: Explanatory information related to IEC 62368-1:2023, $580.00

International Electrotechnical Commission (IEC)

(See next page)

Call for Members (USNC)

US Representative Needed

Advisory Committee on Safety (ACOS)

The U.S. is recruiting a representative to ACOS as Bill Fiske has stepped down from his role as the U.S. representative to ACOS. Individuals interested in serving as the US Representative on ACOS are invited to contact **Betty Barro at bbarro@ansi.org** by August 2nd 2025. Please see the scope for ACOS below:

Scope: *ACOS (Advisory Committee on Safety), which reports to the SMB (Standardization Management Board), deals with safety matters which are not specific to one single TC (Technical Committee) of the IEC. Its task is to guide and coordinate IEC work on safety matters in order to ensure consistency in IEC safety standards. ACOS is responsible for the assignment of Horizontal and Group Safety Functions to TCs, subject to confirmation by the SMB, which are thereby mandated to prepare Basic Safety/Group Safety Publications. The aim of these publications is to provide a coherent set of safety standards thus ensuring consistency of IEC standards in areas common to a number of TCs.*

Guides - ACOS is responsible for the following guides:

+ IEC Guide 104 lays down the preparation of safety publications and the use of Basic Safety / Group Safety publications. It also describes the relationship between TCs with Horizontal and Group Safety Functions and product TCs
+ IEC Guide 110 gives background information to technical committees when dealing with safety requirements for products intended to be integrated in a home control system. It covers functional safety as well as conventional safety aspects
+ IEC Guide 112 provides guidelines for using the current editions of IEC 60065 and IEC 60950-1 in evaluating the safety of multimedia equipment
+ IEC Guide 116 gives guidelines for safety related risk assessment and risk reduction for low voltage equipment
+ IEC Guide 117 provides guidance for assessing the risk, to any person, of a burn from contact with hot touchable surfaces of electrotechnical equipment
+ ISO/IEC Guide 51 provides guidelines for the inclusion of safety aspects in standards; this guide was developed in cooperation with ISO
+ ISO/IEC Guide 50 addresses potential sources of bodily harm to children from products that they use, or with which they are likely to come into contact, even if not specifically intended for children

***Workshops -** Since 1985 ACOS has been actively engaged in preparing workshops around the world with the target to both create greater awareness within product technical committees on the roles of safety aspects and involve users and regulators in discussions on the benefit of the implementation of IEC safety publications. The most recent workshops have been:*

+ Latin America Workshop on human safety aspects and new technologies, 8, 9 and 10 November 2021
+ Copenhagen Workshop on Future Aspects of Safety, 6 May 2024
+ ACOS Membership

*The total number of members including the chair, but excluding the secretariat may not exceed 18, unless otherwise approved by the SMB. **ACOS comprises:** 1) Six experts nominated by their NCs (National Committees) knowledgeable in safety matters but having no officer affiliation with any IEC TC or SC (Subcommittee) dealing with safety matters. With a request for regionally balanced membership. 2) A maximum of eleven representatives of IEC TCs or SCs 3) Chair 4) Secretary*

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 249 – Traditional medicine ISO/TC 249, ISO/TC 249/SC 1 – Traditional Chinese medicine, and ISO/TC 249/SC 2 Ayurveda and yoga

Comment Deadline: August 1, 2025

ISO/TC 249 was recently restructured and is now titled Traditional medicine, with two subcommittees: ISO/TC 249/SC 1 – Traditional Chinese medicine, and ISO/TC 249/SC 2 – Ayurveda and yoga.

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 249 was recently restructured and is now titled Traditional medicine, with two subcommittees: ISO/TC 249/SC 1 – Traditional Chinese medicine, and ISO/TC 249/SC 2 – Ayurveda and yoga; therefore, ANSI is not a member of these committees. The Secretariats for these committees are held by China (SAC) for ISO/TC 249 and ISO/TC 249/SC 1, and India (BIS) for ISO/TC 249/SC 2.

ISO/TC 249 and ISO/TC 249/SC 1 operates under the following scope:

Standardization in the field of medical systems derived from ancient Chinese medicine which shall be able to share one common set of standards. Both traditional and modern aspects of these systems are covered. The committee focuses on quality and safety of raw materials, manufactured products and medical devices and of informatics, including service standards limited to involving the safe use and delivery of devices & medicine, but not into the clinical practice or application of those products.

ISO/TC 249/SC 2 operates under the following scope:

Standardization in the field of Ayurveda and Yoga. Both traditional and modern aspects of products and services of these systems are covered. The committee will focus on following fields including but not limited to Terminology; Quality and Safety of ingredients, extracts, finished products, Ayurveda based dietary supplements and nutraceuticals, Ayurveda Pharmaceutical equipments and procedures; Health and Wellness service requirements; Health Assessment tools/equipment; Rejuvenative procedures and tools/equipment /devices; Yoga accessories, Yoga props and common yoga protocol practices.

Excluded: Standardization covered by

ISO/TC 54 - Essential oils
ISO/TC 215 - Health Informatics
ISO/TC 249 - Traditional Chinese Medicine

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG for any of these committees should contact ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 8/SC 27 – Ports and terminals

Comment Deadline: July 18, 2025

A new ISO Technical Committee, **ISO/TC 8/SC 27 – *Ports and terminals***, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 8/SC 27 operates under the following scope:

Standardization in the field of ports and terminals, covering planning, implementation, operation, upgrading, demolition and repurposing stages. It will include scheduling, design, controlling, monitoring and inspection, optimization of resource allocating, integrated state-of-the-art technology solutions, regardless of scales, types, or transitioning of goods or passengers, whether located on the coastline or inland rivers, aiming to improve efficiency, effectiveness, coordination, working conditions and professions, towards achieving sustainable development of ports and terminals.

Excluded: Relevant work within the scopes of the following committees:

Ships and marine technology (ISO/TC 8)
Production, transport and storage facilities for cryogenic liquefied gases (ISO/TC 67/SC 9)
Cranes (ISO/TC 96)
Industrial trucks (ISO/TC 110)
Tourism and related services (ISO/TC 228)
Sustainable cities and communities (ISO/TC 268)
Innovative logistics (ISO/TC 344)

The U.S. Coast Guard (USCG) has committed to administer the U.S. TAG. Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

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.

BSR/ASHRAE Addendum i
to ANSI/ASHRAE Standard 15-2024

First Public Review Draft

Proposed Addendum i to Standard 15-2024, Safety Standard for Refrigeration Systems

First Public Review (** 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 https://www.ashrae.org/technical-resources/standards-and-guidelines/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 ASHRAE 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 clarifies that the italicized terms in Section 4 and 5 are also defined terms and should be considered as such. The definition of "integral", which is taken from ASHRAE 15.2 but a bit different from ASHRAE 15.2 to cover most of the references of "integral" in ASHRAE 15, is also added. In response to CMP 15-2024-0005-001, NRTL is added to the list of acronyms used in the standard. Additionally, this proposed addendum also brings clarity to the refrigerating system classification in Section 5 by clarifying double indirect systems as double indirect open spray systems and adding indirect vented closed systems to the list of low-probability systems.

Note: 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 i to Standard 15-2024

Modify Section 3 as follows. The remainder of Section 3 remains unchanged.

3 DEFINITIONS

3.1 General. In the context of this standard, italicized terms and classifications have meanings as defined in Sections 3, 4, and 5.

3.~~1~~2 Defined Terms

[…]

integral: as installed by the *manufacturer* or installed in accordance with the *manufacturer's installation instructions*

[…]

ventilated enclosure: a type of equipment enclosure that includes an ~~integral~~ *integral* ventilation system that will prevent *refrigerant* leaked inside the equipment enclosure from escaping into the space surrounding the equipment enclosure.

[…]

3.~~2~~3 Acronyms, Abbreviations, and Initialisms

[…]

NRTL nationally recognized testing laboratory

[…]

Modify Section 5.2.2 as follows. The remainder of Section 5.2.2 remains unchanged.

5.2.2 Low Probability system

A *low-probability system* is any *refrigeration system* in which the basic design or the location of components is such that leakage of *refrigerant* from a failed connection, seal, or component cannot enter the *occupied space*. Typical *low-probability systems* are ~~(a) indirect closed systems or (b) double indirect systems and (c) indirect open spray systems and (c)~~ (a) *indirect closed systems* or (b) *indirect vented closed systems* or (c) *double indirect open spray systems* and (d) *indirect open spray systems* if the following condition is met: In a low-probability *indirect open spray system*, the *secondary coolant* pressure shall remain greater than *refrigerant* pressure in all conditions of operation and standby. Operation conditions are defined in Section 9.2.1, and standby conditions are defined in Section 9.2.1.2.

[…]

Modify Section 7 as follows. The remainder of Section 7 remains unchanged.

7 RESTRICTIONS OF REFRIGERANT USE

7.6 Group A2L Refrigerants for Human Comfort

7.6.2 Listing and Installation Requirements

7.6.2.3* Manufacturer's Refrigerant Detection System Requirements. The following *refrigeration systems shall* have an ~~integral~~ *integral refrigerant detection system*:

a. *Ducted HVAC* systems with a *releasable refrigerant charge* (m_{rel}) more than 4.0 lb (1.8 kg) and with any *duct* openings less than 5.9 ft (1.8 m) above the finished floor

b. *Ducted HVAC* systems where spaces connected to the same supply *air duct* are used as the dispersal floor area to calculate volume per Section 7.2

c. *Refrigeration systems* installed where the *occupancy* classification is *institutional occupancy*

[…]

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

9 DESIGN AND CONSTRUCTION OF EQUIPMENT AND SYSTEMS

9.12 Refrigerant Pipe Installation

9.12.5 Stop Valves

9.12.5.2 Refrigerating Systems Containing More than 110 lb (50 kg) of Refrigerant. In addition to *stop valves* required by Section 9.12.5.l, *refrigeration systems* containing more than 110 lb (50 kg) of *refrigerant shall* have *stop valves* installed in the following locations:

a. Each inlet of each *liquid receiver*
b. Each inlet and each outlet of each *condenser* when more than one *condenser* is used in parallel

Stop valves shall not be required on the inlet of a receiver in a *condensing unit* or on the inlet of a receiver that is an ~~integral~~*integral* part of the *condenser* or *refrigeration systems* utilizing *nonpositive displacement compressors*.

[…]

BSR/ASHRAE Addendum o
to ANSI/ASHRAE Standard 15-2024

First Public Review Draft

Proposed Addendum o to Standard 15-2024, Safety Standard for Refrigeration Systems

First Public Review (** 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 https://www.ashrae.org/technical-resources/standards-and-guidelines/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 ASHRAE 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 revises Informative Appendix C to fix editorial errors in equations and revises the example calculation to use accurate thermodynamic properties of R–410A as calculated using REFPROP v10.0. It also revises Table C–1 to remove refrigerants whose use is banned under the Montreal Protocol and adds refrigerants approved by the US Environmental Protection Agency under the SNAP program in Final Rules 21, 23, 25, and 26.

Note: 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 o to Standard 15-2024

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

[…]

9.7.6* The rated discharge capacity of a *pressure relief device* expressed in lb of air/min (kg of air/s) shall be determined in accordance with ASME Boiler and Pressure Vessel Code[15], Section XIII. When the relieving capacity of a *pressure relief device* is expressed in standard ft^3/min (SCFM) of air, the density of air *shall* be set to 0.0764 lb/ft^3. All pipe and fittings between the pressure relief valve and the parts of the refrigeration system it protects shall have at least the area of the pressure relief valve inlet area.

[…]

9.7.9.3.1 The design back pressure due to flow in the discharge *piping* at the outlet of *pressure relief devices* and *fusible plugs*, discharging to atmosphere, *shall* be limited by the allowable equivalent length of *piping* determined using Equation 9-7a or 9-7b:

[…]

where

[…]

C_r = rated capacity as stamped on the pressure relief device in lb/min (kg/s), or in standard cubic feet per minute multiplied by 0.0764 lb/ft^3 (the density of air in accordance with Section 9.7.6), or as calculated in Section 9.7.7 for a rupture member or fusible plug, or as adjusted for reduced capacity due to piping as specified by the manufacturer of the device, or as adjusted for reduced capacity due to piping as estimated by an approved method.

[…]

Modify Section Informative Appendix A as follows. The remainder of Informative Appendix A remains unchanged.

[…]

Section 9.7.6

The specified value for the density of dry air of 0.0764 lb/ft^3 is prescribed by the National Board of Boiler and Pressure Vessel Inspectors in their publication NB–18[68] to convert the calculated relieving capacity of *pressure relief devices* from lb/min to standard ft^3/min (SCFM) of air. The National Board serves as the certification body for the pressure relief device requirements documented in the ASME Boiler and Pressure Vessel Code's Section XIII.

[…]

Modify Section Informative Appendix B as follows. The remainder of Informative Appendix B remains unchanged.

[…]

67. ~~NIST. 2013. NIST REFPROP, Standard Reference Database 23, Version 9.1. National Institute of Standards and Technology, Gaithersburg, MD.~~ Lemmon, E.W., Bell, I.H., Huber, M.L., McLinden, M.O. NIST Standard Reference Database 23: Reference Fluid Thermodynamic and Transport Properties-REFPROP, Version 10.0, National Institute of Standards and Technology, Standard Reference Data Program, Gaithersburg, 2018.

68. The National Board of Boiler and Pressure Vessel Inspectors. (2024). *Pressure relief device certification* (NB–18). https://www.nationalboard.org

Modify Section Informative Appendix C as follows. The remainder of Section Informative Appendix C remains unchanged.

INFORMATIVE APPENDIX C

METHOD FOR CALCULATING DISCHARGE CAPACITY OF POSITIVE DISPLACEMENT COMPRESSOR PRESSURE RELIEF DEVICE

[…]

$$\text{~~W,~~ } W_r = \frac{Q \times PL \times \eta_v}{v_g} \qquad \text{(C–1)}$$

where

W_r = mass flow rate of refrigerant, lb/min (kg/s)

[…]

Example

Determine the flow capacity of a *pressure relief device* for an R-410A *compressor* with a swept volume (Q) of ~~341~~ 342 ft³/min (~~0.1609~~ 0.1614 m³/s). The *compressor* is equipped with capacity control that is actuated at 90% of the *pressure relief device set pressure* and has a minimum regulated flow of 10%.

Q = ~~341~~ 342 ft³/min

Q = ~~0.16095~~ 0.1614 m³/s

η_v = 0.90, assumed volumetric efficiency of compressor

PL = 0.1, minimum regulated flow factor

v_g ~~@~~ (R–410A, T = 50 °F) = ~~1.1979~~ 0.38214 ft³/lb (I-P)

v_g ~~@~~ (R–410A, T = 10°C) = ~~0.0748~~ 0.023856 m³/kg (SI)

{Note to reviewers: Terms added to equations are indicated by blue font color but not underlined because underlined text in equation format can be confused with a strikethrough.}

$$W_r = \frac{\text{~~341~~ 342} \frac{\text{ft}^3}{\text{min}} \times 0.1 \times 0.90}{\text{~~1.1979~~ 0.38214} \frac{\text{ft}^3}{\text{lb}}} = \text{~~25.52~~ 80.546} \frac{\text{lb}}{\text{min}} \qquad \text{(I-P [See C–1])}$$

$$W_r = \frac{\text{~~0.16095~~ 0.1614} \frac{\text{m}^3}{\text{s}} \times 0.1 \times 0.90}{\text{~~0.0748~~ 0.023856} \frac{\text{m}^3}{\text{kg}}} = \text{~~0.1936~~ 0.60890} \frac{\text{kg}}{\text{s}} \qquad \text{(SI [See C–1])}$$

$$W_a = \sout{W_L \times r_w = 25.62}\ 80.546\frac{\text{lb}}{\text{min}} \times 0.6208 = \sout{15.88}\ 50.003\frac{\text{lb}}{\text{min}} \text{ of air} \qquad \text{(I-P [See C–2])}$$

$$W_a = \sout{W_L \times r_w = 0.1936}\ 0.60890\frac{\text{kg}}{\text{s}} \times 0.6208 = \sout{0.12}\ 0.37801\frac{\text{kg}}{\text{s}} \text{ of air} \qquad \text{(SI [See C–2])}$$

Converting to standard \sout{ft³/min} volumetric flow rate of air, $\dot{Q}_{a,std}$, where \sout{V_s = specific volume of air = 13.1 ft³/lb (0.818 m³/kg) for dry air at 60 °F (15.6 °C)} $\rho_{da,std}$ = 0.0764 lb_m/ft^3 (1.224 kg/m³) for dry air at 60.0 °F (15.6 °C) at a barometric pressure of 14.70 psia (101.3 kPa):

\sout{SCFM = 13.1 (15.88) = 208.02 ft³/min (I-P)}
\sout{SCFM = 0.818 (0.12) = 0.098 m³/s (SI)}

$$\dot{Q}_{a,std} = W_a \times \frac{1}{\rho_{da.std}} = 50.003\frac{\text{lb}}{\text{min}} \times \frac{1}{0.0764\text{lb}_{\text{m.da}}}\frac{\text{ft}^3}{} = 654\frac{\text{ft}^3}{\text{min}} \qquad \text{(I-P)}$$

$$\dot{Q}_{a,std} = W_a \times \frac{1}{\rho_{da.std}} = 0.37801\frac{\text{kg}}{\text{s}} \times \frac{1}{1.224}\frac{\text{m}^3}{\text{kg}_{\text{da}}} = 0.309\frac{\text{m}^3}{\text{s}} \qquad \text{(SI)}$$

Table C–1 Constants for Calculating Discharge Capacity

*{Note to reviewers: Addendum **m** to ASHRAE Standard 15–2022 revised the relative molar masses of R–123, R–290, and R–502. However, a previous erratum published to ASHRAE Standard 34–2022 had corrected the values of relative molar masses for these refrigerants. These corrections can be read in the errata sheet dated July 05, 2024. This errata sheet to ASHRAE 34–2022 is taken to override the changes made in addendum **m** to ASHRAE 15–2022.}*

Refrigerant	k[a]	Relative Molar Mass	C_r	r_w
\sout{R–11}	\sout{1.137}	\sout{137.4}	\sout{330.7}	\sout{0.49}
\sout{R–12}	\sout{1.205}	\sout{120.9}	\sout{337.7}	\sout{0.51}
\sout{R–13}	\sout{2.050}	\sout{104.5}	\sout{403.4}	\sout{0.46}
R–22	1.3191	86.5	348.8	0.5\sout{9}850
\sout{R–23}	\sout{2.742}	\sout{70.0}	\sout{439.3}	\sout{0.52}
R–32	1.5337	52.0	367.3	0.7164
\sout{R–113}	\sout{1.081}	\sout{187.4}	\sout{324.7}	\sout{0.43}
\sout{R–114}	\sout{1.094}	\sout{170.9}	\sout{326.1}	\sout{0.45}
R–123	1.1035	\sout{153.0} 152.9	327.1	0.4\sout{7}691
R–134a	1.1961	102.0	336.8	0.5\sout{6}578
R–152a	1.2331	66.1	340.5	0.6854
R–236fa	1.10\sout{2}18	152.0	326.9	0.4708
R–245fa	1.09\sout{8}78	134.0	326.5	0.5021
R–290	1.2367	\sout{44.0} 44.1	340.9	0.8\sout{4}383
R–600a	1.1346	58.1	330.5	0.7533
R–718	1.3278	18.0	349.6	1.2795
R–744	2.690	44.0	437.0	0.6546
R–1234yf	1.1685	114.0	334.0	0.5321
R–1234ze(E)	1.1437	114.0	331.4	0.5362
R–404A	1.2765	97.6	344.7	0.5\sout{6}572

R–407C	1.2693	86.2	344.1	0.5940
R–410A	1.4310	72.6	358.8	0.6208
~~R–500~~	~~1.236~~	~~99.3~~	~~340.8~~	~~0.56~~
~~R–502~~	~~1.262~~	~~111.6~~	~~343.4~~	~~0.52~~
~~R–507A~~	~~1.282~~	~~98.9~~	~~345.2~~	~~0.55~~
~~R–600~~	~~1.122~~	~~58.1~~	~~329.2~~	~~0.76~~
~~R–718~~	~~1.328~~	~~18.0~~	~~349.6~~	~~1.28~~
~~R–744~~	~~2.690~~	~~44.0~~	~~437.0~~	~~0.65~~
R–448A	1.2760	86.3	344.7	0.5926
R–449A	1.2755	87.2	344.7	0.5896
R–450A	1.1659	108.7	333.7	0.5453
R–452B	1.4324	63.5	358.9	0.6635
R–454A	1.2903	80.5	346.1	0.6112
R–454B	1.4299	62.6	358.7	0.6687
R–454C	1.2365	90.8	340.9	0.5842
R–455A	1.2435	87.5	341.6	0.5939
R–457A	1.2326	87.6	340.5	0.6055
R–513A	1.1859	108.4	335.8	0.5428
R–515B	1.1410	117.5	331.1	0.5286
R–516A	1.1849	102.6	335.7	0.5580

a. Source: NIST ~~REFPROP,~~ Standard Reference Database 23, REFPROP v~~9.1~~10.0, ~~2013~~2018[67].

BSR/ASHRAE Addendum d
to ANSI/ASHRAE Standard 15-2024

First Public Review Draft

Proposed Addendum d to Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications

First Public Review (July 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 ASHRAE 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 addendum addresses requirements for installation of refrigeration systems in an isolated space because refrigeration systems with charge less than m_1 need to be evaluated when installed in an isolated space.

Note: 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 d to Standard 15.2-2024

Modify Section 4 as follows. The remainder of Section 4 remains unchanged

4. DEFINITIONS

isolated space: A space in which all or part of an *appliance's refrigeration system* containing a Group A2L *refrigerant* is installed, and which is not within air *circulation* provided by a fan *integral* to the *appliance* or if the *appliance* does not have an *integral* fan.

Modify Section 5 as follows. The remainder of Section 5 remains unchanged

5. GENERAL REQUIREMENTS

[. . .]

5.6 Requirements for Installations in an *Isolated Space*.

5.6.1 *Isolated spaces shall* comply with one of the following:

a. Continuous mechanical *ventilation* of the *isolated space.*

b. Mechanical *ventilation* of the *isolated space* activated by a *leak detection system* located within the part of the refrigeration system in the *isolated space* to provide *ventilation air* per Table 5-1 and in accordance with Section 11.

c. Permanently connected to the outdoors with a minimum of two permanent *ventilation* openings with a total open area of no less than 225 in^2 (0.15 m^2). The lower edge of the lower *ventilation* opening *shall* not be more than 4 in (102 mm) above the finished floor level. The lower opening *shall* not be smaller than 50% of the total area of the *ventilation* openings. Where louvered openings are used, the net free area of louvers *shall* be used to determine compliance with this section.

d. Natural *ventilation* in accordance with 5.6.2 where the connected *space* itself is not an *isolated space.*

Exceptions to 5.6.1:

a. An *isolated space* having continuous pipe or tube or refrigeration pipes or tubes with field-applied joints in accordance with Section 8.5.2.1.

b. An *isolated space* with floor area larger than indicated in Table 5-2 for the installed system's *refrigerant charge.*

c. Natural *ventilation* to another *isolated space* where the combined floor area is larger than indicated in Table 5-2 for the installed system's *refrigerant charge.*

5.6.2 *Isolated Space* Connected by Natural *Ventilation*. For an *isolated space* complying with Section 5.6.1 the following *shall* apply:

a. A connected *isolated space shall* be on the same floor.

b. Connected spaces *shall* be provided with a minimum of two permanent natural *ventilation* openings with a total open area of no less than 225 in^2 (0.15 m^2). The lower edge of the lower natural *ventilation* opening *shall* not be more than 4 in (102 mm) above the finished floor level. The lower opening *shall* not be smaller than 50% of the total area of the *ventilation* openings. Where louvered openings are used, the net free area of louvers *shall* be used to determine compliance with this section.

Table 5-1 Ventilation Rate for an *Isolated Space*

System Refrigerant Charge [a]		*Ventilation Rate*	
lbm	***kg***	***cfm***	**m^3/h**
0.4	*0.2*	*20*	*34*
0.7	*0.3*	*40*	*68*
1.1	*0.5*	*60*	*102*
1.4	*0.6*	*80*	*136*
1.8	*0.8*	*100*	*170*
2.1	*1.0*	*120*	*204*
2.5	*1.1*	*140*	*238*
2.8	*1.3*	*160*	*272*
3.2	*1.4*	*180*	*306*
3.5	*1.6*	*200*	*340*
4.2	*1.9*	*220*	*374*
4.6	*2.1*	*240*	*408*
5.0	*2.3*	*260*	*442*
5.4	*2.4*	*280*	*476*
5.8	*2.6*	*300*	*510*
6.2	*2.8*	*320*	*544*
6.5	*3.0*	*340*	*578*
6.9	*3.1*	*360*	*612*
7.3	*3.3*	*380*	*646*
7.3	*3.5*	*≥400*	*≥680*

a. For refrigerant charge falling between the values *listed* in this table, interpolation *shall* be permitted to determine the precise *ventilation* rates. Otherwise, the closest higher charge value *shall* be used.

Table 5-2 Floor Area for an *Isolated Space* Determination Based on 7.2 ft (2.2 m) Dispersal Height

System Refrigerant Charge [a]		***Floor Area***	
lb_m	***kg***	***ft^2***	**m^2**
0.5	*0.2*	*7.2*	*0.7*
1.0	*0.5*	*14.3*	*1.3*
2.0	*0.9*	*28.6*	*2.7*
3.0	*1.4*	*42.9*	*4.0*
4.0	*1.8*	*57.2*	*5.3*
5.0	*2.3*	*71.5*	*6.6*
6.0	*2.7*	*85.8*	*8.0*
7.0	*3.2*	*100.1*	*9.3*
8.0	*3.6*	*114.4*	*10.6*
9.0	*4.1*	*128.7*	*12.0*
10.0	*4.5*	*143.0*	*13.3*
11.0	*5.0*	*171.3*	*15.9*
12.0	*5.4*	*203.9*	*18.9*
13.0	*5.9*	*239.3*	*22.2*
14.0	*6.4*	*277.5*	*25.8*
15.0	*6.8*	*318.6*	*29.6*
16.0	*7.3*	*362.5*	*33.7*
17.0	*7.7*	*409.2*	*38.0*
18.0	*8.2*	*458.8*	*42.6*
19.0	*8.6*	*511.2*	*47.5*
20.0	*9.1*	*566.4*	*52.6*
21.0	*9.5*	*624.5*	*58.0*
22.0	*10.0*	*685.4*	*63.7*
23.0	*10.4*	*749.1*	*69.6*

24.0	*10.9*	*815.6*	*75.8*
25.0	*11.3*	*885.0*	*82.2*
26.0	*11.8*	*957.3*	*88.9*
27.0	*12.2*	*1032.3*	*95.9*

a. For refrigerant charge falling between the values listed in this table, interpolation shall be permitted to determine the precise floor area. Otherwise, the closest higher charge value shall be used.

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

9. REFRIGERANT CHARGE LIMITS

[. . .]

9.4.3.5 ***Heat-Pump Water Heater***. The dispersal height of a heat-pump water heater shall be the ~~floor area of the space containing the heat-pump water heater multiplied by the height of the appliance~~ actual height of the system or appliance but not less than 2.0 ft (0.6 m) and not or more than 9.0 ft (2.74 m).

[. . .]

Modify Informative Appendix A as follows. The remainder of Informative Appendix A remains unchanged.

INFORMATIVE APPENDIX A

EXPLANATORY MATERIAL

[. . .]

Section 5.6.2

This section addresses natural *ventilation* of a *space* to another indoor space where the *spaces* are connected by permanent openings. The minimum required area of the opening is calculated using the following equation:

$$A_{vent} = \frac{m_{rel} - m_{max}}{LFL \times 0.417} \times \sqrt{\frac{A_{confined}}{g \times m_{max}} \times \frac{M_{molar}}{M_{molar} - 29}} \qquad \textit{(IP)} \qquad \textit{(A–xx)}$$

$$A_{vent} = \frac{m_{rel} - m_{max}}{LFL \times 104} \times \sqrt{\frac{A_{confined}}{g \times m_{max}} \times \frac{M_{molar}}{M_{molar} - 29}} \qquad \textit{(SI)} \qquad \textit{(A–yy)}$$

Where,

m_{rel} = releasable *refrigerant charge*, kg or lb_m (per section 9.6).

m_{max} = maximum *refrigerant charge*, kg or lb_m (per section 9.5).

LFL = *lower flammability limit* of the *refrigerant*, kg/m^3 or $lb_m/1000\ ft^3$ (from ASHRAE Standard 34).

$A_{confined}$ = floor area of isolated *space*, m^2 or ft^2.

g = gravitational acceleration, 9.81 m/s^2 or 32.2 ft/s^2.

M_{molar} = relative molar mass of *refrigerant*, dimensionless.

These equations are not applicable for *refrigerants* with a relative molar mass less than 42.

BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 15.2-2024

First Public Review Draft

Proposed Addendum f to Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications

First Public Review (April 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 https://www.ashrae.org/technical-resources/standards-and-guidelines/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 ASHRAE 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 revises ANSI/ASHRAE Standard 15.2-2024 to clarify requirements for application of joints for copper linesets and expands welded joints to copper tube. The advancement of and use of orbital arc welding equipment makes welding acceptable for copper tube.

Note: 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 f to Standard 15.2-2024

Modify Section 8 as follows. The remainder of Section 8 remains unchanged.

8. PIPING REQUIREMENTS

[…]

Table 8-4 Allowable Joints

Material	Brazed (Section 8.4.5.1)	Mechanical (Section 8.4.5.2)	Flared (Section 8.4.5.2.1)	Press-Connect (Section 8.4.5.2.2)	Welded (Section 8.4.5.3)
Aluminum tube	•	•		•	
Copper tube	•	•	•	•	•
Copper lineset	•	•	•	•	•

[…]

8.4.5.3 Welded Joints. Welded joints shall use qualified and approved weld procedure specifications that include operator qualifications, surface preparation requirements, and, when required for the application, the filler-metal specifications.

BSR/ASHRAE Addendum g
to ANSI/ASHRAE Standard 15.2-2024

First Public Review Draft

Proposed Addendum g to Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications

First Public Review (XXXX 2024)
(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 https://www.ashrae.org/technical-resources/standards-and-guidelines/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 ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 15.2-2024, *Safety Standard for Refrigeration Systems in Residential Applications*

First Public Review Draft

standards.section@ashrae.org.

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 revises ANSI/ASHRAE Standard 15.2-2024 to incorporate elevation adjustment values for the maximum refrigerant charge for an identified dispersal volume. The current standard does not address elevation adjustment, which means calculated maximum refrigerant charge will remain the same at sea level and at 10,000 ft above sea level. This addendum introduces elevation adjustment by providing a table that can be used to determine adjustment factor based on building ground level elevation. This adjustment factor is then incorporated into existing equations within Clause 9.5.1 and Clause 9.5.2.

Note: 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 g to Standard 15.2-2024

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

9. REFRIGERANT CHARGE LIMITS

[…]

9.5* Maximum Allowable Refrigerant Charge. The *maximum refrigerant charge* (m_{max}) allowed for the *dispersal volume* identified using Section 9.4 *shall* be determined as follows. The *circulation* and *ventilation* operations in Sections 9.5.1 and 9.5.2 *shall* be continuous or initiated by a *leak detection system*.

9.5.1 For A2L *refrigeration systems* without *ventilation*,

$$m_{max} = C \times M \times AF \quad (9\text{-}1)$$

where

C = *LFL* conversion factor as given in Table 9-2 or by Equation 9-3 (for *refrigerant designations* not given in Table 9-2)

M = allowable *refrigerant* amount in a *dispersal volume* as given in Table 9-3 in lb_m (kg)

AF = Adjustment Factor for elevation as given in Table 9-x; elevation (h) shall be as the highest part of the surface of the ground next to the building in which the refrigeration system is installed, relative to mean sea level. Where elevation is measured in feet, it is rounded to the nearest multiple of 100 ft. Where elevation is measured in meters, it is rounded to the nearest multiple of 50 m.

Compliance with this section shall not be achieved by reducing the equipment refrigerant charge to less than that shown in the manufacturer's installation instructions.

9.5.2 For A2L *refrigeration systems* with *ventilation*,

$$m_{max} = C \times (M + MV) \times AF \quad (9\text{-}2)$$

where

C = *LFL* conversion factor as given in Table 9-2 or by Equation 9-3 (for *refrigerant designations* not given in Table 9-2)

M = allowable *refrigerant* amount in a *dispersal volume* as given in Table 9-3 in lb_m (kg)
MV = additional *refrigerant* mass allowed in a *dispersal volume* based on dilution using *ventilation* as given in Table 9-4 in lb_m (kg)
AF = Adjustment Factor for elevation as given in Table 9-x; elevation (h) shall be as the highest part of the surface of the ground next to the building in which the refrigeration system is installed, relative to mean sea level. Where elevation is measured in feet, it is rounded to the nearest multiple of 100 ft. Where elevation is measured in meters, it is rounded to the nearest multiple of 50 m.

$$C = \left(\frac{LFL}{LFL_{R-32}}\right)^{1.25} \quad (9\text{-}3)$$

where
LFL = *lower flammability limit*, lb/1000 ft^3 (g/m^3)
$LFL_{R\text{-}32}$ = *lower flammability limit* of R-32, lb/1000 ft^3 (g/m^3)

Compliance with this section shall not be achieved by reducing the equipment refrigerant charge to less than that shown in the manufacturer's installation instructions.

Table 9-x Elevation Adjustment Factor

Elevation[a]		Adjustment Factor AF
ft	m	
h ≤ 2000	h ≤ 610	1.00
2000 < h ≤ 4000	610 < h ≤ 1220	0.90
4000 < h ≤ 6000	1220 < h ≤ 1830	0.86
6000 < h ≤ 8000	1830 < h ≤ 2440	0.81
8000 < h ≤ 10000	2440 < h ≤ 3050	0.76
10000 < h ≤ 12000	3050 < h ≤ 3660	0.71
12000 < h ≤ 14000	3660 < h ≤ 4265	0.66
h > 14000	h > 4265	0.61

[a] Elevation above mean sea level

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard 40 for Wastewater Technology–

Residential Wastewater Treatment Systems

•
•
•

5 Design and construction

•
•
•

5.10 Dataplate and service label

5.10.1 Systems shall have two permanent and legible dataplates. One dataplate shall be affixed to the front of the electrical control box. The second dataplate shall be placed on the tank, aeration equipment assembly, or riser at a location accessed during maintenance cycles and inspections. The dataplates shall include:

— manufacturer's name and address;

— model ~~number~~ designation;

— identification or tracking number options (required on one data plate only), including, but not limited to:

  — batch number; or
  — lot number; or
  — date code; or
  — serial number.

— rated daily hydraulic capacity of the system; and

— the system classification as determined with the performance testing and evaluation requirements described herein.

5.10.2 A clearly visible label or plate that provides instructions for obtaining service shall be permanently located near the failure signal.

•
•
•

NSF/ANSI Standard 41
for Wastewater Technology–

Non-liquid Saturated Treatment Systems.

•
•
•

5 Design and construction

•
•
•

5.10 Data plate and service label

5.10.1 A permanent and legible data plate shall be placed on all systems at a location accessed during maintenance cycles and inspections. A second data plate shall be affixed to the front of the electrical control box, if applicable. The data plates shall include:

— manufacturer's name, address, and telephone number;

— model ~~number~~ designation;

— identification or tracking number options (required on one data plate only), including, but not limited to:

  — batch number; or
  — lot number; or
  — date code; or
  — serial number; and

— rated capacity of the system;

— the system classification(s) as determined with the performance testing and evaluation requirements described herein; and

— a statement that refers to the product literature for all maintenance and service requirements.

An additional data plate, label, or sticker shall be prominently displayed for the user of the system. It shall include:

— a detailed description of the type, volume, and frequency that bulking agents and other additives are to be added to the system;

— a detailed description of the types of food (in terms of vegetable matter, oil and grease, and meat / animal material) the system is capable of handling (provided the system is designed to handle food wastes); and

— a brief description of common items that should and should not be added to the system.

5.10.2 A clearly visible label or plate that provides instructions for obtaining service shall be permanently located near the failure signal, if applicable (see Section 5.8.1). The label or plate shall contain at a minimum the manufacturer's name, address, and telephone number.

-
-
-

Rationale: A prior ballot, 385i13r1, updated data plate requirements allowing alternative methods of marking products besides a serial number. A subsequent harmonization ballot, 40i55r1, implemented changes for NSF/ANSI 40, 41, and 245, clarifying that the serial number was only required to be present on one data plate. These changes were implemented in NSF/ANSI 245, but the clarifying language was not included in NSF/ANSI 40 and 41. A yes vote on this ballot revises NSF/ANSI 40 and 41 to align with the data plate requirements in NSF/ANSI 245.

BSR/UL 60335-2-89, Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice-Makers with an Incorporated or Remote Refrigerant Unit or Motor-Compressor

1. All refrigerants marked as approved for use on the nameplate of an appliance shall be of the same ISO 817 safety classification.

PROPOSAL

4DV.1 D2 ***Modification of Clause 4 of this Part 2 by addition of the following:***

Unless otherwise stated, all references to "appliance" shall apply to everything covered by the scope of this Part 2. Components and subassemblies evaluated Annex 101.DVP of this Part 2 are not an appliance.

Note 1DV: PARTIAL UNITS, EVAPORATORS, and CONDENSERS are examples of subassemblies and components which are evaluated as an appliance when a clause of this Part 2 references "appliance".

7.1DV.1 DR ***Modification of Clause 7.1 of the Part 2 to add the following dashed items after the first dashed item in the "Addition":***

– total input current (cord connected appliances)

– manufacturing date or date code and location if the product is produced in more than one location

– refrigerant number in accordance with ANSI/ASHRAE 34 [ISO 817]. All refrigerants marked as approved for use on the nameplate of an appliance shall be of the same ISO 817 safety classification. The marking of approved refrigerant(s) shall be applied by the manufacturer and shall be visible when viewing the appliance after it has been installed, or behind a detachable part that has to be detached before maintenance or repair work.

NOTE See also Clauses 7.1DV.5.

– individual load markings for permanently connected appliances:

- **motor ratings (FLA)**
- **minimum circuit ampacity (MCA)**
- **motor compressor ratings (RLA and LRA)**
- **rating of over current protective device**
- **branch circuit selection current (BCSC) (if RLA exceeds 64 % of MCC)**
- **all other individual loads marked in amps**
- **A heater load of less than 1 ampere and pilot duty loads need not be marked.**

7.1DV.4 DR ***Modification of Clause 7.1 of the Part 2 by replacing the seventh dashed item in the "Addition" with the following:***

– for pre-charged pipe sets

• refrigerant number in accordance with ISO 817. All refrigerants marked as approved for use on the nameplate of an appliance shall be of the same ISO 817 safety classification. The marking of approved refrigerant(s) shall be applied by the manufacturer and shall be visible when viewing the appliance after it has been installed, or behind a detachable part that has to be detached before maintenance or repair work.

NOTE See also Clauses 7.1DV.5.

• the refrigerant charge in the line set;

• maximum allowable pressure;

• symbol ISO 7010-W021. When a flammable refrigerant is used, the flame symbol ISO 7010-W021 shall be replaced with the appropriate refrigerant symbol described in Clause 7.6.

7.1DV.5 DR ***Modification of Clause 7.1 of the Part 2 by adding the following to the fifth dashed item in the "Addition":***

7.1DV.5.1 Refrigerant charge is not required to be marked on partial units that are not factory charged, see Clause 101.DVG.5.1 for marking of design pressure instead. PARTIAL UNITS for use with flammable refrigerants shall be provided with a tag or plate that contains all required markings of Clause 7 and Annex 101.DVF. This tag or plate shall comply with Clause 7.1DV.4 so that it is visible after installation.

BSR/UL UL 268A, Standard for Safety for Smoke Detectors for Duct Application

1. Alternate Corrosion Test

PROPOSAL

40A Alternate Corrosion Test (21 Day)

40A.1 The 21-day corrosion test outlined in this section may be conducted in lieu of Section 40, Corrosion Test.

40A.2 Two detector samples, one at maximum and one at minimum smoke detector sensitivity setting, are to be placed in a 200 L or larger test chamber on a platform approximately 50.8 mm (2 in) above the bottom of the chamber. The temperature in the chamber is to be maintained at 30 ±2 °C (86 ±3.6°F) and the relative humidity at 70 ±2 % (measured directly in the chamber). The temperature and humidity are to be checked daily. Because of the corrosive atmosphere a set of wet and dry bulb thermometers for measurement of relative humidity is permitted.

40A.3 The following gas mixture in air is to be supplied to the chamber at a rate sufficient to achieve an air exchange in the chamber of about five times /h, for a period of 3 weeks: 100 ±10 parts per billion (ppb) (parts per billion = parts per 10^9 by volume) hydrogen sulfide (H_2S) plus 20 ±5 ppb chlorine (Cl_2) plus 200 ±50 ppb nitrogen dioxide (NO_2). The air inside the chamber is to be circulated with flow upwards from the bottom.

40A.4 Following the corrosion exposures described in 40A.2 - 40A.3, the detectors are to be removed from the corrosion chamber and then dried in a circulating air oven at a temperature of 40°C (104°F) for a period of at least 24 hours, after which the detectors are to be again tested for their intended signaling performance. There shall be no false alarms as a result of the exposure.

40A.5 The sensitivity of the sensing head or projected beam assembly, both prior to and following the test, shall be in compliance with the limits for the Corrosion Test referenced in 53.1(a)(11).

BSR/UL 746B, Standard for Safety for Polymeric Materials – Long Term Property Evaluations

1. Addition of the Term "Polymeric Blends" to Footnote "a" of Table 7.1; Addition of Requirements to Determine if a Minor Polymeric Component in a Compound is an Additive or a Blend to Footnote "a" of Table 7.1

PROPOSAL

Table 7.1
Relative thermal indices based upon past field-test performance and chemical structure[a]

[a] Generic thermal index is for homopolymer and for the compounding of the same type or relative resins, either grafted or ungrafted only, unless a specific copolymer or polymer blend is indicated. In the case of polymer blends or alloys, the lowest generic index of any polymeric component covered under the Polymeric Blend definition specified in the table of the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A titled "Test considerations based upon compound variations" and present at levels higher than 5 percent by weight (5 wt%) shall be assigned to the composite. The polymeric ~~Components~~ components added at up to 5 percent by weight (5 wt%) may be considered as additives and not germane to the determination of the generic thermal index. The term "grafted" means all of the monomer reacts to form a polymer, and the polymer chain forms a chemical bond. The term "ungrafted" means that the two types of polymer chains entwine with each other by mechanical blending to form a chemical composite.

3. Addition of Alternate Definition of Secondary Properties to Sub-Section 17.2 and Addition of Definition of Thermally-Durable Materials in New Sub-Section 17.3

PROPOSAL

17.2 Secondary or thermally-durable properties

17.2.1 The properties that are to be measured ~~only initially~~ after the occurrence of the end point of the longest aging primary property are to be referred to as secondary or ~~thermally durable~~ thermally durable properties ~~after the property end point of the prime property occurs~~. If the secondary-property measurements indicate the material has passed through the end point of the secondary property, retesting – with check tests throughout aging – is then required to establish the life-temperature relationships. Delayed sets of specimens can effectively be used in this case. See Table 17.1.

Table 17.1
Delayed set test procedure – secondary/thermally-durable properties

End of cycle number	Sets put in oven	Sets tested
0	N	M (unaged)
1	O	–
2	P	–
3	Q	–
4	R	–
5, 6, 7 etc.	–	[a]

[a] All sets are to be removed from the oven and tested at the time that the longest ~~lasting~~ aging primary property passes through the 50-percent point as determined by the method shown in Table 16.1. If set N shows that it does not pass through the 50-percent point, the remaining sets need not be tested. If set N passes through the 50-percent point, then sets O, P, Q, and R are to be tested in turn. These sets are not aged as long as those initially put in the oven.

BSR/UL 2075, Standard for Safety for Gas and Vapor Detectors and Sensors

1. Undiluted Gas Test Revision

PROPOSAL

28 Flooding with Undiluted Gas Test

28.4 This test is applicable only for applications where combustible gas sensors, detectors and/or alarms may be powered in the existence of undiluted gas. It is not applicable for applications where combustible gas sensors, detectors and/or alarms can detect gas leakage in accordance with UL 1484 before reaching higher concentration.

BSR/UL 2684, Standard for Safety for Video and Thermal Image Detectors for Fire Alarm Systems

1. Stability Test Correction

PROPOSAL

34 Stability Test

34.4 No false alarms from extraneous light shall be produced from a video image smoke detector or video image flame detector when subjected to a total of five cycles, with each cycle consisting of 10 seconds on and 10 seconds off to each of the following light sources. For this test, the light source and the detector are mounted at the same height and at a distance of at least 6.1 m (20 feet) from one another:

a) 15 cd, 1 Hz red colored rotating beacon;

b) 15 cd, 1 Hz red colored xenon beacon;

c) 15 cd LED clear strobe with pulse duration of 20 ms or greater;

d) Laser light with a light output of 5 mW at 600 nm to 700 nm wavelength;

e) LED high bay luminaire: 30,000 lm min., color temperature 3000k; and

f) LED high bay luminaire: 30,000 lm min., color temperature 5000K.

BSR/UL 3100, Standard for Safety for Automated Mobile Platforms (AMPs)

1. Revision of Section 21, Risk Assessment

PROPOSAL

21 Risk Assessment

21.1A Risks associated with fire, ~~and~~ shock, and injury due to component faults shall be evaluated according to Section 21.3 and 53.

21.2 The risk assessment process in 21.1 may require more than one iteration to address the identified risks. The risk assessment shall be reviewed for each iteration until it is completed.

~~Note: The expectation is that the risk assessment is completed such that all hazards are identified and the resulting risks are both assessed and reduced. This is why there could be many iterations.~~

2. Clarify environmental considerations

33 Environmental Considerations

33.1 All enclosures and externally mounted devices and components shall be Type rated ~~in accordance with UL 50E~~ or have an IP rating ~~in accordance with IEC 60529~~. The Type or IP rating specified by the manufacturer shall comply with the specific requirements for that Type rating or IP rating as specified in the respective standards.

a) For Canada, all enclosures and externally mounted devices and components shall be Type rated in accordance with CSA C22.2 No. 94.2.
b) For the United States, all enclosures and externally mounted devices and components shall be Type rated in accordance with UL 50E or have an IP rating in accordance with IEC 60529.

Note: For Canada, enclosures may additionally have an IP rating in accordance with CSA C22.2 No. 60529.