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CONTENTS

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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 018-202x, Standard for Validation of Probabilistic Genotyping Systems (revision of ANSI/ASB Std 018 -2020)
Stakeholders: Forensic DNA professionals; criminal justice community

Project Need: This document is the revision of ANSI/ASB Std 018 and provides requirements to practitioners in the DNA field seeking to conduct developmental and/or internal validation studies for the initial implementation of and modifications to probabilistic genotyping software. It further provides requirements for the development of the protocols to be used in the laboratory based on the validation studies for the evaluation, interpretation, and comparison of autosomal DNA profile data, and the generation of statistical values (e.g., likelihood ratios). In addition, it provides guidance for verification of the functionality of the software based on the developed protocols.

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

This standard provides the requirements for forensic DNA testing laboratories for the validation of probabilistic genotyping systems related to interpreting autosomal STR results, and for the development and verification of the protocol for use in casework.

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 023-202x, Standard for Training in Forensic DNA Isolation and Purification Methods (revision of ANSI/ASB Std 023-2020)
Stakeholders: Forensic DNA Professionals; criminal justice community

Project Need: This document is the revision of ANSI/ASB Std 023 and provides training program requirements to practitioners in the field. The proper recovery of DNA contained in a biological sample is the critical first step in the DNA testing process. Proper training is needed to ensure that testing can proceed through the required next steps of the DNA testing process to generate quality DNA data.

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

This standard provides the requirements for a forensic DNA laboratory’s training program for the isolation and purification of DNA.

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 115-202x, Standard for Training in Forensic DNA Short Tandem Repeat Typing Methods using Amplification, Separation, and Allele Detection (revision of ANSI/ASB Std 115-2020)
Stakeholders: Forensic DNA Professionals; criminal justice community

Project Need: This document is the revision of ANSI/ASB Std 115 and provides training program requirements to practitioners in the field. The proper amplification of DNA recovered from a biological sample followed by the DNA product separation and allele detection are critical steps in the DNA testing process. Proper training is needed to ensure that testing can proceed through the required steps of the DNA testing process to generate quality DNA STR data.

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

This standard provides the requirements for a forensic DNA laboratory's training program for forensic DNA short tandem repeat typing methods using amplification, separation, and allele detection.

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 116-202x, Standard for Training in Forensic DNA Quantification Methods (revision of ANSI/ASB Std 116 -2020)
Stakeholders: Forensic DNA Professionals; criminal justice community

Project Need: This document is the revision of ANSI/ASB Std 116 and provides training program requirements to practitioners in the field. The proper assessment of the amount of DNA recovered from a biological sample is the critical second step in the DNA testing process. Proper training is needed to ensure that testing can proceed through the required next steps of the DNA testing process to generate quality DNA data.

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

This standard provides the requirements for a forensic DNA laboratory's training program for DNA quantification.

ADA (Organization) (American Dental Association)

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

Revision

BSR/ADA Standard No. 2000.9-202x, SNODENT (revision of ANSI/ADA Standard No. 2000.8-2025)
Stakeholders: Dental care providers, healthcare and research organizations, government agencies, dental schools and clinics, and dental benefit providers and organizations.

Project Need: SNODENT provides a needed standardized code set for the representation of clinical oral health descriptions captured by dentists that is interoperable across healthcare systems and with electronic health record systems.

Interest Categories: General Interest, Consumer, Producer

SNODENT is a standardized code set for the representation of clinical oral health descriptions that is interoperable across healthcare systems and with electronic health record systems. It provides a clinical terminology that enables the capture and analysis of detailed oral health data, including oral anatomical sites, oral health conditions, findings, and other clinical concepts unique to dentistry. It is revised annually to maintain currency with dental terminology.

ALI (ASC A14) (American Ladder Institute)

Susan Orenga <sorenga@thomasamc.com> | 1300 Sumner Avenue | Cleveland, OH 4115-2851 www.americanladderinstitute.org

New Standard

BSR A14.7-202X, Safety Requirements for Mobile Ladder Stands and Mobile Ladder Stand Platforms (new standard)
Stakeholders: Manufacturers, contractors, consumers, telecom, users, construction

Project Need: Develop a new A14.7 standard to replace the administratively withdrawn A14.7-2011 standard.

Interest Categories: Manufacturer, Association, User, Independent Specialists

This standard prescribes rules and requirements governing the proper design, construction, testing, care, use, and maintenance of mobile ladder stands and mobile ladder stand platforms including labeling/marking of these units. The purpose of this standard is to provide reasonable safety for life, limb, and property by establishing requirements for the design, construction, testing, care, maintenance, and use of mobile ladder stands and mobile ladder stand platforms.

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

Rosa Smith <smithr@apcointl.org> | 351 N Williamson Blvd | Daytona Beach, FL 32114-1112 www.apcoIntl.org

Revision

BSR/APCO/NENA 1.102.4-202X, Emergency Communications Center (ECC) Service Capability Criteria Rating Scale (revision and redesignation of ANSI/APCO/NENA 1.102.3-2020)
Stakeholders: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

Project Need: Revise and redesignate current American National Standard.

Interest Categories: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

This standard revision is intended to assist Emergency Communications Center (ECC) Managers and their governing authorities to identify their current level of service capability. An assessment tool is provided to objectively assess capabilities of the ECC against models representing the best level of preparedness, survivability, and sustainability amidst a wide range of natural and manmade events.

CSA (CSA America Standards Inc.)

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

National Adoption

BSR/CSA C62395-2-202x, Electrical resistance trace heating systems for industrial and commercial applications – Part 2: Application guide for system design, installation and maintenance (national adoption with modifications of IEC/IEEE 62395-2, 2024)
Stakeholders: Industrial and commercial users, manufacturers, regulators, and certification agencies.

Project Need: Currently, there are regional standards to address the certification of electrical resistance trace heating systems for industrial and commercial applications. The intent of this project is to adopt this international standard in the US and Canada to create a standard suitable for global project certification.

Interest Categories: The consensus body consists of the following interest categories: Producer Interest, Regulatory Authorities, User Interest, and General Interest.

Field-assembled (work-site) units, and which can be series or parallel trace heaters, or surface heaters (heater pads or heater panels) that have been assembled and/or terminated in accordance with the manufacturer's instructions. The products covered by this document are intended to be installed by persons who are suitably trained in the techniques required and that only trained personnel carry out especially critical work, such as the installation of connections and terminations. Installations are intended to be carried out under the supervision of a qualified person who has undergone supplementary training in electric trace-heating systems.

SAIA (ASC A11) (Scaffold & Access Industry Association)

DeAnna Martin <deanna@saiaonline.org> | 400 Admiral Boulevard | Kansas City, MO 64106 www.saiaonline.org

New Standard

BSR/SAIA A11.7-202x, Standard for Testing and Rating Permanent Equipment (new standard)
Stakeholders: Manufacturers, purchasers, and users of permanent equipment.

Project Need: This standard contains procedures for testing and rating permanent equipment.

Interest Categories: Producers, Users, General Interest

This standard establishes methods for testing and rating equipment which is permanently installed or dedicated to a building or structure and is used to support suspended scaffold systems used for window cleaning and/or light building maintenance.

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: October 12, 2025

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST MS-PC-202x, Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air (revision of ANSI/AARST MS-PC-2022)
This standard specifies minimum performance criteria and testing procedures for instruments and/or systems designed to quantify the concentration of 222Rn gas in air. These are consistent with general performance criteria applicable to the wide variety of radon measurement devices used for indoor measurements, primarily in residential environments or buildings not associated with the possession or handling of radioactive materials.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: standards@aarst.org

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST MS-QA-202x, Radon Measurement Systems Quality Assurance (revision of ANSI/AARST MS-QA-2023)
This standard of practice specifies minimum requirements for quality systems designed to quantify the concentration of 222Rn gas in air by qualified professionals (QPs) and laboratories, whose data are intended to be used to determine the need for, or success of, radon mitigation.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Standards@aarst.org

Comment Deadline: October 12, 2025

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

Addenda

BSR/ASHRAE Addendum 62.2y-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Addendum 62.2-2025)
This proposed change removes the ≥10 ft (3 m) of ductwork for filtration requirement. In order to provide acceptable IAQ, the coils must be kept clean. The requirement for filtration should apply to all equipment heating or cooling air, regardless of whether or not the equipment has ductwork. In addition, MERV 11 filtration also removes at least 65% of particles between 1.0 and 3.0 microns, thereby improving the IAQ. The exception for evaporative coolers is clerical; evaporative coolers were already an exception, but this proposal moves them into an exception to improve the clarity. The exception for mechanical systems with less than 10 ft of ductwork until 2029 is to allow minisplit heat pump manufacturers time to redesign systems as needed to meet the requirement.
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 30092 | mweber@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.2z-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2025)
This proposed change clarifies the requirements in Section 5.1, Local Mechanical Exhaust. The standard used “provides local mechanical exhaust” instead of “provides exhaust” because someone might be confused over whether a whole-house exhaust system that is also used as a local exhaust system must exhaust from each room in the home (not necessary). Also, we specified “exhaust inlet” instead of “inlet” to remove any ambiguity around what type of inlet we’re referencing.
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 30092 | tloxley@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum e to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
The third ISC makes modifications based on comments from the second public review. The change strikes the minimum weight requirement under the exception for stone ballasted roofs based on provisions contained in the International Building Code (IBC) that establishes the weight of stone ballasted roofs. This change was originally shown in the 1st public review draft and added back in for the 2nd public review, ISC. This change would finalize the deletion of the minimum weight requirement under the exception for stone ballasted roofs.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: October 12, 2025

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum q to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
This addendum clarifies the requirements for electric vehicle charging infrastructure by placing the percentages that specify the required number of parking spaces of various types into a table. The addendum also removes the EV charging option based on the number of employee-only parking spaces. The project committee believes the existing language is a loophole to the intended requirements for overall EV charging infrastructure based on building occupancy. These proposed changes are made with respect to previously published Addendum i to 189.1-2023 and Addendum c to 189.1-2023.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download available 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 30092 | tloxley@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum u to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
Section 9.4 is a mandatory component in Section 9 to address awareness of environmental impacts during product selection. This addendum simplifies the requirements for submitting Environmental Product Declarations (EPDs) and updates terminology. Compliance with the section can be achieved without identifying all building products within the building project or estimating the total cost of building products installed. The two tiers of requirements are based on the size of the building project or, for less than full new construction, on the area being altered. Regional- or industry-average EPDs do not count as a full product since the values do not directly represent the specific products being installed in the project. These changes to Section 9.4 simplify compliance with the standard and do not add cost.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

AWI (Architectural Woodwork Institute)

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

New Standard

BSR/AWI 0648-202x, Wood Frames (new standard)
Provide standards and tolerances for the quality and fit of wood frames, blinds and shutters, window sash, and related interior finishes.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://forms.gle/gHjTZWMGZPZSrD7X9

Comment Deadline: October 12, 2025

FM (FM Approvals)

One Technology Way, Norwood, MA 02062 | josephine.mahnken@fmapprovals.com, www.fmapprovals.com

New Standard

BSR/FM 5970-202x, Heavy Duty Mobile Equipment Fire Protection Systems Substantive Changes (new standard)
This standard provides minimum guidelines for assessing the fire extinguishment effectiveness of systems, including detection and control systems, and their suitability for the various environments found on heavy duty mobile equipment (HDME). Systems are assessed for performance over a range of severe, but realistic scenarios. Systems may use any extinguishing medium that meets performance requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: josephine.mahnken@fmapprovals.com

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 268-202x, Standard for Smoke Detectors for Fire Alarm Systems (revision of ANSI/UL 268-2025)
This Standard sets forth requirements for smoke detectors and accessories, including mechanical guards to be employed in ordinary indoor locations in accordance with the following: (a) In Canada only: (1) Standard for the Installation of Fire Alarm Systems, ULC 524; (2) National Building Code of Canada; and (3) National Fire Code of Canada. (b) In the United States only: (1) National Fire Alarm and Signaling Code, NFPA 72.
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 | Tony.Partridge@ul.org, https://ulse.org/

Revision

BSR/UL 1053-202x, Standard for Ground-Fault Sensing and Relaying Equipment (revision and redesignation of ANSI/UL 1053-2011 (R2020))
Withdrawal of Proposal: Alternate indicator Dust Test – Talcum Powder
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work https://csds.ul.com/Home/ProposalsDefault.aspx

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1450-202x, Standard for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment (revision of ANSI/UL 1450-2025)
Proposed addition of paint pigment dispenser marking and instructions.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: October 12, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2367-202x, Standard for Solid State Overcurrent Protectors (revision of ANSI/UL 2367-2021)
A proposed revision to UL 2367, Standard for Solid State Overcurrent Protectors, which includes the following: (1) Removal of 5A limitation, (2) Addition of new general performance section, (3) Updated Calibration Test, (4) Update to the shipping and storage temperature range, and (5) Sample verification after the Long-Term Abnormal Test.
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: October 27, 2025

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 2.17-2010 (R202x), Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants (reaffirmation of ANSI/ANS 2.17-2010 (R2021))
This standard provides criteria for the determination of the concentration of radionuclides in the ground water resulting from both postulated accidents and routine releases from nuclear facilities.
Single copy price: $138.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

ASA (ASC S12) (Acoustical Society of America)

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

Revision

BSR S12.2-202x, Criteria for Evaluating Room Noise (revision of ANSI/ASA S12.2-2019 (R2023))
This Standard provides two methods for evaluating room noise: A-weighted sound level, and noise criterion (NC) curves. The methods assume that the noise spectrum is representative of a steady-state noise source from heating, ventilating, and air-conditioning equipment.
Single copy price: $169.00
Obtain an electronic copy from: standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 27, 2025

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

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

Revision

BSR/ASHRAE Standard 41.3-202x, Standard Methods for Pressure Measurements (revision of ANSI/ASHRAE Standard 41.3-2022)
This revision of ANSI/ASHRAE Standard 41.3-2022 prescribes methods for pressure measurements under laboratory and field conditions. The revision also includes an improved method for determining when steady-state operation has been achieved for data recording, as well as changes to make it easier for higher-tier standards to adopt this standard by reference.
Single copy price: Free
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

AWI (Architectural Woodwork Institute)

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

Revision

BSR/AWI 0641-202x, Architectural Wood Casework (revision of ANSI/AWI 0641-2019)
Provide standards and tolerances for the quality and fit of architectural wood casework and related interior finishes. Establish minimum aesthetic and performance standards intended to provide a well-defined degree of control over a project's quality of materials and workmanship for the manufacture of architectural wood casework.
Single copy price: Free
Obtain an electronic copy from: http://www.gotoawi.com/standards/awi0641.html
Send comments (copy psa@ansi.org) to: https://forms.gle/XGSbGzeGiwegL7dM9

AWS (American Welding Society)

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

Revision

BSR/AWS D3.6M-202x, Underwater Welding Code (revision of ANSI/AWS D3.6M-2017)
This code covers the requirements for welding structures or components under the surface of water. It includes welding in both dry and wet environments. Clauses 1 through 8 constitute the general requirements for underwater welding, while clauses 9 through 11 contain the special requirements applicable to three individual classes of weld as follows:
Class A—Comparable to above-water welding;
Class B—For less critical applications;
Class O—To meet the requirements of another designated code or specification.
Single copy price: $49.50 member/$66.00 non-member
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 27, 2025

HSI (Healthcare Standards Institute)

347 Park Ridge, Boerne, TX 78006 | hboisjoly@hsi.health, www.hsi.health/

New Standard

BSR/HSI 2800-202x, Artificial Intelligence (AI) Governance in Healthcare Operations (new standard)
Establish guidelines for integrating AI in healthcare system operations, both clinical and administrative. This should include its place in strategy to include goals and objectives assuring patient safety, improved outcomes, efficiency, equity, and community support. This standard will be the responsibility of the Board of Directors, with execution by the CEO and executive leadership.
Single copy price: $395.00
Obtain an electronic copy from: info@hsi.health
Send comments (copy psa@ansi.org) to: Same

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

1750 K Street NW, Suite 460, Washington, DC 20006 | chris.merther@itsdf.org, www.indtrk.org

Revision

BSR/ITSDF B56.10-202x, Safety Standard for Manually Propelled Low Lift, High Lift, and Scissor Lift Pallet Industrial Trucks (revision of ANSI/ITSDF B56.10-2012 (R2019))
This Standard defines the safety requirements relating to the elements of design, operation, and maintenance of manually propelled low lift, scissor lift pallet, and high lift industrial trucks controlled by a walking operator, and intended for use on level, improved surfaces.
Single copy price: Free
Obtain an electronic copy from: info@itsdf.org
Send comments (copy psa@ansi.org) to: info@itsdf.org

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

Revision

BSR/NCPDP BUS v5.1-202x, NCPDP Billing Unit Standard v5.1 (revision and redesignation of ANSI/NCPDP BUS v5.0-2024)
The NCPDP Billing Unit Standard Implementation Guide is intended to meet two needs within the pharmaceutical drug claim industry: (1) provide practical guidelines for software developers and (2) provide guidelines for consistent implementation of drug/product packaging for all applicable NCPDP Standards.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: mweiker@ncpdp.org
Send comments (copy psa@ansi.org) to: mweiker@ncpdp.org

Comment Deadline: October 27, 2025

OPEI (Outdoor Power Equipment Institute)

1605 King Street, Alexandria, VA 22314 | gknott@opei.org, www.opei.org

New Standard

BSR/OPEI 1-202X, Outdoor Power Equipment Institute Standard for Electronic Accessibility of Regulatory and Standard Compliance Information (new standard)
This standard establishes requirements for making digitally available product safety, emissions, and other regulatory and compliance information. The standard includes requirements for a digital regulatory compliance marking, including a standardized regulatory compliance symbol, format, location and durability. The standard additionally establishes requirements for the digital format and display of the regulatory compliance information via a mobile device or computer. The standard is applicable to finished products and components that may by subject to on-product regulatory and compliance labeling (marking) and informational requirements.
Single copy price: Free
Obtain an electronic copy from: gknott@opei.org
Send comments (copy psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

New Standard

BSR/SCTE 295-202x, Cable Broadband Corporate Sustainability Metrics (new standard)
The scope of this standard focuses on cable broadband operator activity measurements for use in intensity metrics associated with the delivery of services over wireline and wireless networks. Most of the activity metrics defined by SASB, such as subscribers, may already be reported by companies in their financial statements. The activity metric for network traffic however is simply stated without additional description in the SASB standard and would benefit from consistent calculation given the lack of a clear and reliable methodology to follow. This standard develops methodologies for operators to follow for measuring the network traffic activity metric. The measurement excludes operator non-telecommunication assets or operations that do not match the Sustainable Industry Classification System (SICS) Technology and Communications Sector Standard for Telecommunications Services which provide a range of services from wireless to wirelines to cable and satellite.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

New Standard

BSR/SCTE 296-202x, Full Duplex DOCSIS Broadband Radio Frequency Hardline Amplifiers for Cable Systems (new standard)
This document recommends mechanical, environmental, and electrical standards for broadband radio frequency (RF) amplifiers that support DOCSIS® 4.0 FDX capabilities (echo cancellation), with synchronous downstream and upstream operation at frequencies from 108 to 684 MHz, including all sub-band options as defined in the DOCSIS 4.0 FDX specifications with D3.0/D3.1 upstream operation at frequencies of 5 to 85 MHz and D3.0/D3.1 downstream operation from 684-1218 MHz. Products covered by this document include the high gain single and multiport amplifiers required to support upgrades at legacy amplifier locations. The devices are intended for an outdoor rated environment.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: October 27, 2025

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

New Standard

BSR/SCTE 298-202x, LoRaWAN® Narrowband Transponder (new standard)
This specification describes interface requirements for a narrowband transponder based on LoRaWAN technology. Electromagnetic Compatibility (EMC) is not specified in this standard and is left to the vendor to ensure compliance with local EMC regulatory requirements. Other physical parameters such as shock, vibration, humidity, etc., are also not specified and left to the vendor's discretion.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 162-2019 (R202x), Emergency Alert Signaling for the Home Network (reaffirmation of ANSI/SCTE 162 -2019)
SCTE 162 standardizes metadata elements describing emergency alert events to devices in a home network, for applications involving the delivery of Commercial Video Services into the home network. Commercial Video Services are sources of audio/video content provided as live or on-demand streams from a particular service provider. Receiving devices in the home with access to Commercial Video Services may wish to place such content on a home network. SCTE 162 defines a metadata format usable by these receiving devices to notify client devices in the home network of emergency alert information including text, audio, and specific details about the alert (such as originator and event code, severity, etc.). Some types of alerts are urgent enough that they trigger client devices to immediately switch to another channel offered by that service provider which is a source of live audio/video describing details of the alert (the "Details Channel"). The metadata format described here provides a pointer to the Details Channel for such cases. When outputting live programming on a channel defined in the schema as an "Exception Channel," client devices remain tuned to that channel to receive details of the alert.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: October 27, 2025

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 164-2019 (R202x), Emergency Alert Metadata Descriptor (reaffirmation of ANSI/SCTE 164-2019)
This document defines a container usable by cable system operators for the delivery of Emergency Alert (EA) metadata into the consumer domain. This metadata is designed to support cable set-top terminals which function as servers of "commercial video services" (CVS) into the home network, by providing preformatted XML-based EA data required by such Digital Media Servers (DMS) in the home. The container, specified as being in the form of an ANSI J STD 042-B descriptor, is defined only for carriage within the emergency alert signaling message defined in ANSI J STD 042-B. The metadata carried in the descriptor includes metadata elements conforming to ANSI J STD-070 [1], which is the standard delivery format for XML-formatted EA data in the home network. Users of this standard should be aware that EAS is a topic which is subject to regulation and is currently under consideration by the Federal Emergency Management Agency (FEMA).
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 249-2018 (R202x), Test Method Common Mode Disturbance (reaffirmation of ANSI/SCTE 249-2018)
The purpose of this test is to determine the common mode disturbance generated by power electronics in active CPE equipment. Since conducted disturbances on the AC port is already a part of FCC testing requirements, this method focuses on measurements of the common mode disturbance on the coaxial port. Common mode disturbance from stand-alone power supplies are conducted through a common ground plane on the CPE device to the outer conductor of the coaxial port. Therefore, stand-alone power supplies are also within the scope of this standard.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 25-1-202x, Hybrid Fiber Coax Outside Plant Status Monitoring - Physical (PHY) Layer Specification (revision of ANSI/SCTE 25-1-2017 (R2022))
This specification describes the PHY layer requirements that must be implemented by all Type 2- and Type 3-compliant OSP HMS transponders on the HFC plant and the controlling equipment in the headend. Any exceptions to compliance with this specification will be specifically noted in this document as necessary.
NOTE: Electromagnetic Compatibility (EMC) is not specified in this standard and is left to the vendor to ensure compliance with local EMC regulatory requirements. Other than operating temperature, physical parameters such as shock, vibration, humidity, etc., are also not specified and left to the vendor's discretion.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: October 27, 2025

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 25-2-202x, Hybrid Fiber Coax Outside Plant Status Monitoring - Media Access Control (MAC) Layer Specification (revision of ANSI/SCTE 25-2-2017 (R2022))
This specification describes the MAC layer protocols that must be implemented between all Type 2- and Type 3-compliant OSP HMS transponders on the HFC plant and the controlling equipment in the headend to support bandwidth management and reliable communications. Any exceptions to compliance with this specification will be specifically noted in this document as necessary.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 99-202x, Test Method for Axial Pull Connector/Drop Cable (revision of ANSI/SCTE 99-2019)
The purpose of this document is to provide a test method for measuring the axial force required to cause one or more of the following conditions: cable structural failure, connector structural failure, separation due to slip at the connector/cable interface.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 226-202x, Cable Facility Classification Definition Specification (revision of ANSI/SCTE 226-2015)
This document presents a tiered classification structure to provide cable operators with a framework in which to categorize facilities and critical infrastructure, establish availability expectations, and to define performance levels for the cable industry. This SCTE standard defines classes of critical facilities along with expected performance availability across five classes of structures thus creating a common nomenclature for critical facilities.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: October 27, 2025

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Revision

BSR/SCTE 283-202x, Information Model for Smart Broadband Amplifiers (revision of ANSI/SCTE 283-2023)
This standard defines an Information Model for communications with amplifiers used in hybrid fiber-coax (HFC) networks. The Information Model includes capabilities, configuration and status information, and operations which can be set either over a coaxial cable transponder or locally via direct wired or wireless connection. This release of the standard is compatible with SCTE 279 amplifiers and could also be applicable to stand-alone FDX amplifiers and to launch amplifiers inside nodes. The scope of this document is the amplifier and does not include consideration of the coaxial cable transponder.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Withdrawal

ANSI/SCTE 170-2020, Preparing an MDU Amplifier Extender Specification (withdrawal of ANSI/SCTE 170-2020)
This document provides guidance for preparing an MDU Amplifier requirements specification, independent of manufacturer and type.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, ON Canada, ON K1P 1J9 | Felipe.Luz@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 2420-2021 (R202x), Standard for Safety for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (reaffirmation of ANSI/UL 2420-2021)
Reaffirmation and continuance of the First Edition of the Standard for Safety for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 2420, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.org/ProposalAvailable
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: October 27, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 61800-5-1-202x, Standard for Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy (revision of ANSI/UL 61800-5-1-2022)
Deletion of DVD.2.4.4.6.1 - Forced Ventilation in Operator Space, Type 12 Ventilated Enclosures, Multiple Sources of Supply, DC Clearance Requirements, Fault Testing with DC Sources and Withdrawal and replacement of ANSI/ISA MC96.1, Temperature-Measurement Thermocouples.
Single copy price: Free
Obtain an electronic copy from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Workhttps://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: November 11, 2025

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 316-202x, Standard Requirements for Direct Current Instrument Shunts (new standard)
The dc instrument shunts within this standard apply to shunts for use in direct current circuits to extend the current measuring range of devices (e.g., instruments, meters, protective relays, or low-voltage trip systems). The design and test principles within this standard may be applied with suitable exceptions for shunts constructed for special requirements; for example, those having unusually high or low current ratings or voltage drops, special or unusual ranges, and nonstandard terminal arrangements for special applications.
Single copy price: $58.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-p316?product_id=2927431
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1584.2-202x, Guide and Checklists for the Data Collection for Performing an Arc-Flash Hazard Calculation Study in Accordance with IEEE Std. 1584™ and IEEE Std.1584.1™ for Systems Operating at Three-Phase 50/60 Hz Alternating Current (AC) 1000 V and below (new standard)
Guidance for the checklists and collection of data required for performing an arc-flash hazard calculation study, in accordance with the process defined in IEEE Std 1584™, is provided in this document. The focus is on three-phase 50/60 Hz alternating current (ac) systems operating at 1000 V and below.
Single copy price: $58.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-p1584-2?product_id=2905908
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

Comment Deadline: November 11, 2025

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1936.4-202x, Standard for Technical Requirements for the Maintenance of Multi-rotor Unmanned Aircraft Systems Used for Power Grid Inspection (new standard)
In the field of power inspection, multi-rotor unmanned aircraft systems (UAS) are widely used. Long-term high-voltage electromagnetic field environments and complex climatic conditions are faced by highly integrated and precise power inspection drones. If not properly maintained, devices in the multi-rotor UAS may malfunction during the operation. The long-term safe and stable operation of power inspection drones can be aided by proper maintenance of the multi-rotor UAS. At present, there is no unified specification for maintenance personnel and no technical requirements for troubleshooting and fault diagnosis of multi-rotor UAS software and hardware. In this context, the formulation of this standard helps to standardize the maintenance procedures of multi-rotor UAS to support the reliability and safety of multi-rotor UAS operation.
Single copy price: $60.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-p1936-4?product_id=2930009&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_BwE
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 3134-202x, Guide for Drawing Regional Icing Maps for Overhead Transmission Lines (new standard)
Methods for developing regional icing maps, basic matters, and recommended techniques for predicting ice thickness using numerical models are provided.
Single copy price: $58.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-p3134?product_id=2927803
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 3150-202x, Guide for Testing the Semi-Conductive Water Blocking Tape in Cross-Linked Polyethylene Insulated Alternating-Current Power Cables (new standard)
Equipment testing methods for the performance of semi-conductive water-blocking tape used in alternating current power cables are provided in this guide.
Single copy price: $64.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-p3150?product_id=2929335
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

Comment Deadline: November 11, 2025

IEEE (Institute of Electrical and Electronics Engineers)

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

Revision

BSR/IEEE 45.3-202x, Recommended Practice for Shipboard Electrical Installations - Systems Engineering (revision of ANSI/IEEE 45.3-2015)
Recommendations for systems engineering, design, and integration of electrical power systems at the total ship level from concept design through the establishment of the design baseline prior to detailed design are provided in this document. Recommendations for ac power systems, dc power systems, emergency power systems, shore power, quality of service, power quality and harmonics, electric propulsion and maneuvering systems, motors and drives, thrusters, and steering systems onboard ships are established by this document. Present-day technologies, engineering methods, and engineering practices are reflected by these recommendations. This document is intended to be used in conjunction with the IEEE 45™ series of documents.
Single copy price: $100.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-45-3-2025?product_id=2928838
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

TNI (The NELAC Institute)

PO Box 2439, Weatherford, TX 76086 | robert.wyeth@nelac-institute.org, www.NELAC-Institute.org

Revision

BSR/TNI EL V1M4-2025-Rev. 3.0-202x, Management and Technical Requirements for Laboratories performing Environmental Analysis, Module 4: Quality Systems for Chemical Testing (revision of ANSI/TNI EL-V1M4-2018)
TNI's EL V1M4 was reviewed and modified to update the standard regarding regulatory requirements and changes in technology within the environmental chemical testing industry. The revised standard also clarifies language in the standard and provides interpretations of the standards requirements as identified by stakeholders.
Single copy price: Free
Order from: robert.wyeth@nelac-institute.org
Send comments (copy psa@ansi.org) to: robert.wyeth@nelac-institute.org

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON | Jacob.Stewart@ul.org, https://ulse.org/

National Adoption

BSR/UL 12402-5-202x, Standard for Safety for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5:2006 with modifications and revision of ANSI/UL 12402 -5-2024)
Revisions including correction to informational references and rearming and repacking of inflatables for child subjects.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Comment Deadline: November 11, 2025

ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Suite 2000, Evanston, IL 60201 | lauren.valentino@ul.org, https://ulse.org/

Revision

BSR/UL 203A-202x, Standard for Sway Brace Devices for Sprinkler System Piping (revision of ANSI/UL 203A -2019 (R2024))
This proposal covers the following changes in requirements: Standard Clarifications and Revisions, Electronic Installation Instructions, Removal of Minimum Rated Load Table and Rated Load Increments, Reduction in Load Test Duration, and Requirements for Evaluation of Sway Brace Assemblies.
Single copy price: Free
Order from: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable

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:

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Suite 6100, Waltham, MA 02451 | info@spri.org, www.spri.org

BSR/SPRI/PCR-1-202x, Standard for Product Category Rules for Single Ply Roofing Membranes (new standard)
Send comments (copy psa@ansi.org) to: Linda King <info@spri.org>

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Suite 6100, Waltham, MA 02451 | info@spri.org, www.spri.org

BSR/SPRI FX-1-2016 (R202x), Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners (reaffirmation of ANSI/SPRI FX-1-2016)
Send comments (copy psa@ansi.org) to: Linda King <info@spri.org>

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Suite 6100, Waltham, MA 02451 | info@spri.org, www.spri.org

BSR/SPRI IA-1-2010 (R202x), Standard Field Test Procedure for Determining the Mechanical Uplift Resistance of Insulation Adhesives over Various Substrates (reaffirmation of ANSI/SPRI IA-1-2010)
Send comments (copy psa@ansi.org) to: Linda King <info@spri.org>

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Suite 6100, Waltham, MA 02451 | info@spri.org, www.spri.org

BSR/SPRI VF-1-2010 (R202x), External Fire Design Standard for Vegetative Roof Systems (reaffirmation of ANSI/SPRI VF-1-2010)
Send comments (copy psa@ansi.org) to: Linda King <info@spri.org>

SPRI (Single Ply Roofing Industry)

60 Hickory Drive, Suite 6100, Waltham, MA 02451 | info@spri.org, www.spri.org

BSR/SPRI WD-1-202x, Wind Design Standard Practice for Roofing Assemblies (revision of ANSI/SPRI WD-1-2012)
Send comments (copy psa@ansi.org) to: Linda King <info@spri.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

EMAP (Emergency Management Accreditation Program)

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

ANSI/EMAP EM OPS 1-2022, Emergency Management Operational Standard (new standard)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Nicole Ishmael <nishmael@emap.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.

ASA (ASC S12) (Acoustical Society of America)

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

ANSI/ASA S12.62/ISO 9613-2 (R2025), Acoustics - Attenuation of sound during propagation outdoors - Part 2: General method of calculation (a Modified Nationally Adopted International Standard) (reaffirm a national adoption ANSI/ASA S12.62-2012/ISO 9613-2:1996 (MOD) (R2020)) Final Action Date: 9/3/2025 | *Reaffirmation*

ASA (ASC S2) (Acoustical Society of America)

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

ANSI/ASA S2.34-1984 (R2025), Guide to the Experimental Determination of Rotational Mobility Properties and the Complete Mobility Matrix (reaffirmation of ANSI/ASA S2.34-1984 (R2020)) Final Action Date: 9/2/2025 | *Reaffirmation*

ANSI/ASA S2.75-2017/Part 2 (R2025), Shaft Alignment Methodology, Part 2: Vocabulary (reaffirmation of ANSI/ASA S2.75-2017/Part 2 (R2020)) Final Action Date: 9/4/2025 | *Reaffirmation*

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

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

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 140-2023, Method of Test for Evaluating Building Performance Simulation Software (addenda to ANSI/ASHRAE Standard 140-2020) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE Addendum d to Standard 205-2023, Representation of Performance Data for HVAC&R and Other Facility Equipment (addenda to ANSI/ASHRAE Standard 205-2023) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum ao to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum co to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cp to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cq to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cu to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 8/29/2025 | *Addenda*

ANSI/ASHRAE Standard 139-2025, Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process (revision of ANSI/ASHRAE Standard 139-2022) Final Action Date: 8/29/2025 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM D3139-2019 (R2025), Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals (reaffirmation of ANSI/ASTM D3139-2019) Final Action Date: 8/26/2025 | *Reaffirmation*

ANSI/ASTM F1025-2019 (R2025), 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) Final Action Date: 8/26/2025 | *Reaffirmation*

ANSI/ASTM F2519-2011 (R2025), Test Method for Grease Particle Capture Efficiency of Commercial Kitchen Filters and Extractors (reaffirmation of ANSI/ASTM F2519-2011 (R2021)) Final Action Date: 8/26/2025 | *Reaffirmation*

ANSI/ASTM D2239-2025, Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (revision of ANSI/ASTM D2239-2022) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM D2241-2025a, Specification for Poly(Vinyl Chloride)(PVC) Pressure-Rated Pipe (SDR Series) (revision of ANSI/ASTM D2241-2025) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM D2665-2025, Specification for Poly(Vinyl Chloride)(PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2024) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM D2737-2025, Specification for Polyethylene (PE) Plastic Tubing (revision of ANSI/ASTM D2737-2022) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM F857-2025, Specification for Hot Water and Chemical Sanitizing Commercial Dishwashing Machines, Stationary Rack Type (revision of ANSI/ASTM F857-2017) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM F876-2025, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2024B) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM F877-2025, Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM F877-2024) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM F1924-2025, Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F1924-2019) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM F2098-2025, 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) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM F2623-2025, Specification for Polyethylene of Raised Temperature (PE-RT) Systems for Non-Potable Water Applications (revision of ANSI/ASTM F2623-2024) Final Action Date: 8/26/2025 | *Revision*

ANSI/ASTM F2788/F2788M-2025, Specification for Metric and Inch-Sized Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2788/F2788M-2024) Final Action Date: 8/26/2025 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA B103-2025, Manganese Oxide Filter Media (new standard) Final Action Date: 8/27/2025 | *New Standard*

ANSI/AWWA B100-2025, Granular Filter Material (revision of ANSI/AWWA B100-2015) Final Action Date: 9/5/2025 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA C670-2025, Online Chlorine Analyzer Operation and Maintenance (revision of ANSI/AWWA C670-2020) Final Action Date: 9/5/2025 | *Revision*

ANSI/AWWA C950-2025, Fiberglass Pressure Pipe (revision of ANSI/AWWA C950-2020) Final Action Date: 9/5/2025 | *Revision*

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | publications@bicsi.org, www.bicsi.org

ANSI/BICSI 001-2025, Information and Communication Technology Systems - Design and Implementation - Best Practices for Educational Institutions and Facilities (revision of ANSI/BICSI 001-2017 (R2022)) Final Action Date: 9/2/2025 | *Revision*

CTA (Consumer Technology Association)

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

ANSI/CTA 6005-2025, Multimedia systems and equipment - Colour measurement and management - Part 2-4: Colour management - Extended-gamut YCC colour space for video (IEC 61966-2-4:2006) (identical national adoption of IEC 61966-2-4:2006) Final Action Date: 9/3/2025 | *National Adoption*

ANSI/CTA 6006-2025, Digital Audio Interface - Part 1: General (IEC 60958-1:2021) (identical national adoption of IEC 60958-1:2021) Final Action Date: 9/3/2025 | *National Adoption*

ANSI/CTA 6007-2025, Multimedia systems - Guide to the Recommended Characteristics of Analogue Interfaces to Achieve Interoperability (IEC 61938:2018) (identical national adoption of IEC 61938:2018) Final Action Date: 9/3/2025 | *National Adoption*

ANSI/CTA 6008-2025, Portable multimedia equipment - Determination of battery duration - Part 1: Powered loudspeaker equipment (IEC 63296-1:2021) (identical national adoption of IEC 63296-1:2021) Final Action Date: 9/3/2025 | *National Adoption*

ANSI/CTA 6009-2025, LCD multi-screen display terminals - Part 2: Measuring methods (IEC 63181-2:2020) (identical national adoption of IEC 63181-2:2020) Final Action Date: 9/3/2025 | *National Adoption*

ANSI/CTA 2051-B-2025, Wearable Sound Amplifier Performance Criteria (revision of ANSI/CTA 2051-A-2022) Final Action Date: 9/3/2025 | *Revision*

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 364H-2025, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision and redesignation of ANSI/EIA 364-G-2021) Final Action Date: 9/4/2025 | *Revision*

FM (FM Approvals)

One Technology Way, Norwood, MA 02062 | josephine.mahnken@fmapprovals.com, www.fmapprovals.com

ANSI/FM 6020-2025, Evaluating Fire Performance of Intermediate Bulk Containers (IBCs) (revision of ANSI/FM 6020 -2015) Final Action Date: 9/8/2025 | *Revision*

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 | standards@iapmostandards.org, www.asse-plumbing.org

ANSI/ASSE 1010-2025, Performance Requirements for Water Hammer Arresters (revision of ANSI/ASSE 1010-2021) Final Action Date: 9/3/2025 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 487.2-2025, Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations through the Use of Optical Fiber Systems (new standard) Final Action Date: 9/3/2025 | *New Standard*

ANSI/IEEE C37.20.7-2025, Recommended Practice for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults (new standard) Final Action Date: 9/2/2025 | *New Standard*

ANSI/IEEE N42.49.1-2025, Standard for Performance Criteria for Non-Alarming Personal Emergency Radiation Detectors (PERDs) for Exposure Control (new standard) Final Action Date: 9/3/2025 | *New Standard*

ANSI/IEEE N42.59-2025, Standard for Measuring the Imaging Performance of Active Millimeter-Wave Systems for Security Screening of Humans (new standard) Final Action Date: 9/4/2025 | *New Standard*

ANSI/IEEE C37.13-2025, Standard for Low-Voltage AC (1058 V and Below) Power Circuit Breakers Used in Enclosures (revision of ANSI/IEEE C37.13-2015) Final Action Date: 9/5/2025 | *Revision*

ANSI/IEEE C37.27-2025, Guide for Low-Voltage AC (635 V and below) Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses (revision of ANSI/IEEE C37.27-2015) Final Action Date: 9/5/2025 | *Revision*

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

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

ANSI/IICRC S900-2025, Standard for Professional Remediation of Precursors, Drug Residues, and Associated Chemical Waste (new standard) Final Action Date: 9/2/2025 | *New Standard*

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

ANSI C136.14-2025, Elliptically Shaped, Enclosed Side-Mounted Luminaires (revision of ANSI C136.14-2020) Final Action Date: 9/4/2025 | *Revision*

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

ANSI/SCTE 83-1-2017 (R2025), HMS Inside Plant Management Information Base (MIB) - Part 1: SCTE-HMS-HE-OPTICS-MIB (reaffirmation of ANSI/SCTE 83-1-2017) Final Action Date: 9/2/2025 | *Reaffirmation*

ANSI/SCTE 83-3-2017 (R2025), HMS Common Inside Plant Management Information Base (MIB) (SCTE-HMS-HE-RF-MIB) (reaffirmation of ANSI/SCTE 83-3-2017) Final Action Date: 9/2/2025 | *Reaffirmation*

ANSI/SCTE 83-4-2017 (R2025), HMS Common Inside Plant Management Information Base (MIB) (SCTE-HMS-HE-RF-MIB) (reaffirmation of ANSI/SCTE 83-4-2017) Final Action Date: 9/2/2025 | *Reaffirmation*

ANSI/SCTE 95-2018 (R2025), HMS Inside Plant HMTS Theory of Operation (reaffirmation of ANSI/SCTE 95-2018) Final Action Date: 9/4/2025 | *Reaffirmation*

ANSI/SCTE 131-2017 (R2025), HMS VoIP Test Management Information Base (MIB) Definition (SCTE-HMS-VOIP-MIB) (reaffirmation of ANSI/SCTE 131-2017) Final Action Date: 9/4/2025 | *Reaffirmation*

ANSI/SCTE 154-1-2018 (R2025), Digital Video Common MIB (reaffirmation of ANSI/SCTE 154-1-2018) Final Action Date: 9/4/2025 | *Reaffirmation*

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

ANSI/SCTE 154-2-2018 (R2025), SCTE-HMS-QAM-MIB (reaffirmation of ANSI/SCTE 154-2-2018) Final Action Date: 9/4/2025 | *Reaffirmation*

ULSE (UL Standards and Engagement)

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

ANSI/UL 62841-2-20-2025, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-20: Particular Requirements for Hand-Held Band Saws (identical national adoption of IEC 62841-2-20) Final Action Date: 9/5/2025 | *National Adoption*

ANSI/UL 62841-2-23-2025, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-23 Particular Requirements for Hand-Held Die Grinders and Small Rotary Tools (identical national adoption of IEC 62841-2-23) Final Action Date: 9/5/2025 | *National Adoption*

ANSI/UL 2735-2025, Standard for Electric Utility Meters (new standard) Final Action Date: 8/25/2025 | *New Standard*

ANSI/UL 248-8-2011 (R2025), Standard for Low-Voltage Fuses - Part 8: Class J Fuses (reaffirmation of ANSI/UL 248-8 -2011 (R2020)) Final Action Date: 8/26/2025 | *Reaffirmation*

ANSI/UL 489B-2016 (R2025), 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)) Final Action Date: 8/26/2025 | *Reaffirmation*

ANSI/UL 8-2025a, Standard for Water Based Agent Fire Extinguishers (revision of ANSI/UL 8-2025) Final Action Date: 8/27/2025 | *Revision*

ANSI/UL 234-2025, Standard for Safety for Low Voltage Lighting Fixtures for Use in Recreational Vehicles (revision of ANSI/UL 234-2015 (R2020)) Final Action Date: 8/28/2025 | *Revision*

ANSI/UL 263-2025, Standard for Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2022) Final Action Date: 9/2/2025 | *Revision*

ANSI/UL 299-2025, Standard for Dry Chemical Fire Extinguishers (revision of ANSI/UL 299-2024) Final Action Date: 8/27/2025 | *Revision*

ANSI/UL 448-2025a, Standard for Centrifugal Stationary Pumps for Fire-Protection Service (revision of ANSI/UL 448 -2025) Final Action Date: 9/4/2025 | *Revision*

ANSI/UL 879-2025, Standard for Safety for Electric Sign Components (revision of ANSI/UL 879-2023) Final Action Date: 9/3/2025 | *Revision*

ANSI/UL 943-2025, Standard for Safety for Ground-Fault Circuit-Interrupters (revision of ANSI/UL 943-2023) Final Action Date: 8/25/2025 | *Revision*

ANSI/UL 2200-2025, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2022) Final Action Date: 8/27/2025 | *Revision*

ANSI/UL 2388-2025, Standard for Safety for Flexible Lighting Products (revision of ANSI/UL 2388-2023) Final Action Date: 9/5/2025 | *Revision*

ANSI/UL 2684-2025, Standard for Video and Thermal Image Detectors for Fire Alarm Systems (revision of ANSI/UL 2684-2024) Final Action Date: 8/22/2025 | *Revision*

ANSI/UL 4248-9-2025, Fuseholders - Part 9: Class K (revision of ANSI/UL 4248-9-2007 (R2023)) Final Action Date: 8/27/2025 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 4248-11-2025, Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse (revision of ANSI/UL 4248-11 -2007 (R2023)) Final Action Date: 8/27/2025 | *Revision*

ANSI/UL 4248-12-2025, Fuseholders - Part 12: Class R (revision of ANSI/UL 4248-12-2018 (R2023)) Final Action Date: 8/27/2025 | *Revision*

ANSI/UL 4248-15-2025, Fuseholders - Part 15: Class T (revision of ANSI/UL 4248-15-2007 (R2023)) Final Action Date: 8/27/2025 | *Revision*

VITA (VMEbus International Trade Association (VITA))

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

ANSI/VITA 65.0-2025, OpenVPX System Standard (revision of ANSI/VITA 65.0-2023) Final Action Date: 9/8/2025 | *Revision*

ANSI/VITA 65.1-2025, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2023) Final Action Date: 9/8/2025 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

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

Correction Notice

INCITS Corrections

The following standards were announced in error as "withdrawals" in the Call for Comments (public review) section of the July 18, 2025 issue of ANSI Standards Action. Accordingly, the proposed public comment period for those "withdrawals" is cancelled. The correct project intent is "Adopt identical ISO or IEC standard and revise current ANS" and the associated public review period for this processing was announced in the April 25, 2025 issue of ANSI Standards Action. The BSR-9s will be submitted for approval as "Adopt identical ISO or IEC standard and revise current ANS", with the intent of superseding the current ANS.

- INCITS/ISO/IEC 13888-3:2009[R2020]
- INCITS/ISO/IEC 15444-1:2019[2020]
- INCITS/ISO/IEC 18014-2:2009[R2020]
- INCITS/ISO/IEC 18092:2013[R2020]
- INCITS/ISO/IEC 21481:2012[R2020]
- INCITS/ISO/IEC 23917:2005[R2020]
- INCITS/ISO/IEC 27019:2017[2020]
- INCITS/ISO/IEC 29794-1:2016[2020]
- INCITS/ISO/IEC 29794-4:2017[2020]

For inquiries please contact: Lynn Barra, InterNational Committee for Information Technology Standards (ITI (INCITS)) | 700 K Street NW, Suite 600, Washington, DC 20001 | (202) 737-8888, comments@mail.standards.incits.org

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

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

BSR/APCO/NENA 1.102.4-202X, Emergency Communications Center (ECC) Service Capability Criteria Rating Scale (revision and redesignation of ANSI/APCO/NENA 1.102.3-2020)

ASA (ASC S12) (Acoustical Society of America)

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

BSR S12.2-202x, Criteria for Evaluating Room Noise (revision of ANSI/ASA S12.2-2019 (R2023))

AWS (American Welding Society)

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

BSR/AWS D3.6M-202x, Underwater Welding Code (revision of ANSI/AWS D3.6M-2017)

HSI (Healthcare Standards Institute)

347 Park Ridge, Boerne, TX 78006 | hboisjoly@hsi.health, www.hsi.health/

BSR/HSI 2800-202x, Artificial Intelligence (AI) Governance in Healthcare Operations (new standard)

SAIA (ASC A11) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | deanna@saiaonline.org, www.saiaonline.org

BSR/SAIA A11.7-202x, Standard for Testing and Rating Permanent Equipment (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

AAFS - American Academy of Forensic Sciences

Effective September 5, 2025

The reaccreditation of **AAFS - American Academy of Forensic Sciences** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AAFS-sponsored American National Standards, effective **September 5, 2025**. For additional information, please contact: Teresa Ambrosius, American Academy of Forensic Sciences (AAFS) | 410 North 21st Street, Colorado Springs, CO 80904 | (719) 453-1036, tambrosius@aafs.org

Approval of Reaccreditation – ASD

IACET - International Association for Continuing Education and Training

Effective August 27, 2025

The reaccreditation of **IACET - International Association for Continuing Education and Training** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on IACET-sponsored American National Standards, effective **August 27, 2025**. For additional information, please contact: Sherard Jones, International Association for Continuing Education and Training (IACET) | 45591 Dulles Eastern Plaza, Suite 132, Box 805, Sterling, VA 20166 | (703) 763-0705, Sherard.jones@iacet.org

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS
American Academy of Forensic Sciences
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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 5878, Reference atmospheres for aerospace use - Temperature profiles, wind characteristics and humidity models - 11/22/2025, $165.00

Anaesthetic and respiratory equipment (TC 121)

ISO 80601-2-13:2022/DAmd 1.2, - Amendment 1: Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation - Amendment 1 - 9/13/2025, $88.00

Biotechnology (TC 276)

ISO/DIS 20387, Biotechnology - Biobanking - General requirements for biobanks - 11/22/2025, $112.00

Building construction (TC 59)

ISO/DIS 15686-1.2, Buildings and civil engineering works - Service life planning - Part 1: General principles and framework - 9/15/2025, $112.00

ISO/DIS 15686-2.2, Buildings and civil engineering works - Service life planning - Part 2: Process considerations - 9/15/2025, $77.00

ISO/DIS 15686-3.2, Buildings and civil engineering works - Service life planning - Part 3: Methods, data and communication - 9/14/2025, $98.00

Fine ceramics (TC 206)

ISO/DIS 15733, Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure - Determination of tensile properties - 11/20/2025, $67.00

ISO/DIS 24046, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods of tests for reinforcements - Determination of the tensile properties of resin-impregnated yarns - 11/27/2025, $71.00

Fluid power systems (TC 131)

ISO 11500:2022/DAmd 1, - Amendment 1: Hydraulic fluid power - Determination of the particulate contamination level of a liquid sample by automatic particle counting using the light-extinction principle - Amendment 1 - 11/23/2025, $29.00

Furniture (TC 136)

ISO/DIS 4211-7, Furniture - Tests for surface finishes - Part 7: Assessment of resistance to light - 11/23/2025, $53.00

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

ISO/DIS 25206-1, Oil and gas industries including lower carbon energy - Enhanced oil recovery terms and definitions - Part 1: General vocabulary - 11/27/2025, $33.00

Mechanical testing of metals (TC 164)

ISO/DIS 148-1, Metallic materials - Charpy pendulum impact test - Part 1: Test method - 11/21/2025, $93.00

ISO/DIS 148-2, Metallic materials - Charpy pendulum impact test - Part 2: Verification of testing machines - 11/21/2025, $107.00

ISO/DIS 148-3, Metallic materials - Charpy pendulum impact test - Part 3: Preparation and characterization of Charpy V-notch reference certified test pieces for indirect verification of pendulum impact testing machines - 11/22/2025, $77.00

Railway applications (TC 269)

ISO 24478:2023/DAmd 1, - Amendment 1: Railway applications - Braking - General vocabulary - Amendment 1 - 11/24/2025, $53.00

ISO 22074-4:2022/DAmd 1, - Amendment 1: Railway infrastructure - Rail fastening systems - Part 4: Test methods for resistance to repeated loading - Amendment 1 - 11/21/2025, $29.00

Ships and marine technology (TC 8)

ISO/DIS 16329, Ships and marine technology - Heading control systems for high-speed craft - 11/27/2025, $125.00

ISO/DIS 23397, Ships and marine technology - Ammonia fuel systems for ships - Vocabulary - 11/21/2025, $67.00

Soil quality (TC 190)

ISO/DIS 25652, Sediment, Soil, sludge and waste - Analysis of PFAS by HPLC and mass spectrometry - 11/20/2025, $119.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 18841, Interpreting services - General requirements and recommendations - 11/27/2025, $77.00

Tobacco and tobacco products (TC 126)

ISO/DIS 21114, Nicotine pouches - Test method for nicotine content using LC-UV - 11/23/2025, $58.00

Traditional Chinese medicine (TC 249)

ISO/DIS 25657, Traditional Chinese medicine - Curculigo orchioides rhizome - 11/27/2025, $71.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 14496-12/DAmd 1, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format - Amendment 1: Tools for enhanced CMAF and DASH integration - 11/21/2025, $93.00

ISO/IEC DIS 19566-10, Information technology - JPEG Systems - Part 10: Reference software - 11/21/2025, $155.00

IEC Standards

Automatic controls for household use (TC 72)

72/1506/CDV, IEC 60730-2-24 ED1: Automatic electrical controls -Part 2-24: Particular requirements for displacement electrical controls, 11/28/2025

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

46F/724/FDIS, IEC 60153-2 ED4: Hollow metallic waveguides - Part 2: Relevant specifications for ordinary rectangular waveguides, 10/17/2025

46/1065/FDIS, IEC 63466-1 ED1: Leaky waveguide - Part 1: Generic specification - General requirements and test methods, 10/17/2025

Documentation and graphical symbols (TC 3)

3C/2607/ED, IEC 60417-C00537 ED1: Identification link frame, 10/31/2025

Electric traction equipment (TC 9)

9/3250/CDV, IEC 60349-2 ED4: Electric traction - Rotating electrical machines for rail and road vehicles - Part 2: Electronic converter-fed alternating current motors, 11/28/2025

Electrical accessories (TC 23)

23E/1403/CDV, IEC 62955 ED2: Residual direct current detecting device (RDC-DD) to be used for mode 3 charging of electric vehicles, 11/28/2025

23/1164/CD, IEC 63044-3 ED2: Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 3: Electrical safety requirements, 11/28/2025

Electrical apparatus for explosive atmospheres (TC 31)

31J/397/NP, PNW 31J-397 ED1: Explosive atmospheres - Part 14-2: Electrical installations design, selection and installation of equipment, including initial inspection in underground mines susceptible to firedamp, 11/28/2025

Electrical equipment in medical practice (TC 62)

62C/958(F)/FDIS, IEC 61267 ED3: Medical diagnostic X-ray equipment - Radiation conditions for use in the determination of characteristics, 09/26/2025

62C/957(F)/FDIS, IEC 62083 ED3: Medical device software - Requirements for the safety of radiotherapy treatment planning systems, 09/26/2025

Electrical installations of buildings (TC 64)

64/2769/CDV, IEC 60364-6 ED3: Low voltage electrical installations - Part 6: Verification, 11/28/2025

Electromechanical components and mechanical structures for electronic equipments (TC 48)

48B/3178/CD, IEC 63171-7 ED2: Connectors for electrical and electronic equipment - Part 7: Detail specification for up to 7 ways including PE or FE (data/power) and shield pin, free and fixed circular connectors for balanced single-pair data transmission with current-carrying capacity - Mechanical mating information, pin assignment and additional requirements for type 7, 10/31/2025

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

111/838/CDV, IEC 62321-10 ED2: Determination of certain substances in electrotechnical products - Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS), 11/28/2025

Fibre optics (TC 86)

86B/5123/FDIS, IEC 61300-3-14 ED4: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-14: Examinations and measurements - Error and repeatability of the attenuation settings of a variable optical attenuator, 10/17/2025

86A/2621/DTR, IEC TR 62316 ED4: Guidance for the interpretation of OTDR backscattering traces for single-mode fibres, 10/31/2025

High-voltage testing techniques (TC 42)

42/465/CD, IEC 60060-3 ED2: High-voltage test techniques - Part 3: Definitions and requirements for on-site testing, 10/31/2025

Industrial-process measurement and control (TC 65)

65A/1187/CDV, IEC 63187-1 ED1: Systems engineering - System safety - Complex systems in defence programmes Part 1 - Concepts, terminology and requirements, 11/28/2025

65/1149/CD, IEC TR 63657-1 ED1: Internet of Things - Part 1: IoT Applications for Long-distance Oil and Gas Pipeline, 10/31/2025

65/1150/CD, IEC TR 63657-2 ED1: Internet of Things - Part 2: IoT applications for natural gas distribution system, 10/31/2025

65/1151/NP, PNW 65-1151 ED1: Agents in industrial automation - Part 1: Fundamentals, 11/28/2025

Methods for the Assessment of Electric, Magnetic and Electromagnetic Fields Associated with Human Exposure (TC 106)

106/706/DTR, IEC TR 62669 ED3: Case studies supporting IEC 62232 - Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure, 10/31/2025

Nanotechnology standardization for electrical and electronic products and systems (TC 113)

113/924/DTS, IEC TS 62607-6-26 ED1: Nanomanufacturing - Key control characteristics - Part 6-26: Graphene-related products - Fracture strain and stress, Young's modulus, residual strain and residual stress: bulge test, 10/31/2025

Nuclear instrumentation (TC 45)

45B/1095/CD, IEC 63596 ED1: Replay Tools for radioactive material detection systems, 10/31/2025

Performance of household electrical appliances (TC 59)

59F/535/CDV, IEC 60704-2-1 ED5: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for dry vacuum cleaners, 10/31/2025

59F/538/CD, IEC/ASTM 62885-11 ED1: Surface cleaning appliances - Part 11: Wet-cleaning robots for household or similar use - Methods for measuring the performance, 10/31/2025

Printed Electronics (TC 119)

119/557/CDV, IEC 62899-202-13 ED1: Printed electronics - Part 202-13: Materials - Sheet resistance measurement method for conductive layer in printed and in-mould electronics, 11/28/2025

119/559/FDIS, IEC 62899-302-7 ED1: Printed electronics - Part 302-7: Equipment - Inkjet - Measurement methods of dot placement evaluation for printed electronics, 10/17/2025

Safety of hand-held motor-operated electric tools (TC 116)

116/916(F)/FDIS, IEC 62841-4-9 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-9: Particular requirements for battery-powered chain saws for tree service, 09/26/2025

Safety of household and similar electrical appliances (TC 61)

61/7471(F)/FDIS, IEC 60335-1/AMD1 ED6: Amendment 1 - Household and similar electrical appliances - Safety - Part 1: General requirements, 09/19/2025

Safety of measuring, control, and laboratory equipment (TC 66)

66/862/CDV, IEC 61010-1/AMD2 ED3: Amendment 2 - Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements, 10/31/2025

Semiconductor devices (TC 47)

47/2943/CDV, IEC 63550-1 ED1: Semiconductor devices - Neuromorphic devices - Part 1: Evaluation method of basic characteristics in memristor devices, 11/28/2025

47/2942/CDV, IEC 63550-2 ED1: Semiconductor devices - Neuromorphic devices - Part 2: Evaluation method of linearity in memristor devices, 11/28/2025

47/2941/CDV, IEC 63550-3 ED1: Semiconductor devices - Neuromorphic devices - Part 3: Evaluation method of spike dependent plasticity in memristor devices, 11/28/2025

47/2940/CDV, IEC 63550-4 ED1: Semiconductor devices - Neuromorphic devices - Part 4: Evaluation method of asymmetry in memristor devices, 11/28/2025

47/2944/CDV, IEC 63672: Guidelines for evaluating DV/DT robustness of SIC power devices, 11/28/2025

47/2945/CDV, IEC 63673: Guidelines for Gate Charge (Q_G) test method for SIC MOSFET, 11/28/2025

47F/522/NP, PNW 47F-522 ED1: Semiconductor devices - Micro-electromechanical systems - Part 62: Electrical resistance test method for hybrid MEMS materials under combined tensile and torsional deformation, 10/31/2025

47F/525/NP, PNW 47F-525 ED1: Micro-electromechanical systems-Part 61: Evaluation methods of localized deformation and stretchability for Hybrid MEMS materials, 10/31/2025

Solar thermal electric plants (TC 117)

117/232/CD, IEC 62862-3-7 ED1: Solar thermal electric plants - Part 3-7: Requirements and test methods for flexible pipe connectors in parabolic trough collector technology, 10/31/2025

Surface mounting technology (TC 91)

91/2060(F)/FDIS, IEC 61189-3-302 ED1: Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 3-302: Detection of plating defects in unpopulated circuit boards by computed tomography (CT), 09/26/2025

91/2052/CDV, IEC 61249-2-54 ED1: Materials for printed boards and other interconnecting structures - Part 2-54: Reinforced base materials clad and unclad - Halogenated modified or unmodified resin system, woven E-glass laminate sheets of defined dissipation factor (less than 0,005 at 10 GHz) and flammability (vertical burning test), copper-clad for high speed applications, 11/28/2025

(TC)

CIS/B/868/CD, CISPR 11/AMD1/FRAG3 ED7: Fragment 3: Radiated limits from 150 kHz to 30 MHz, 10/31/2025

CIS/A/1476/CD, CISPR TR 16-3/FRAG2 ED5: Fragment 2: Relationship of limits for SAC and FAR, 10/31/2025

Terminology (TC 1)

1/2688/VD, IEC 60050-C00104 ED0: IEC 60050-421 International Electrotechnical Vocabulary (IEV) Part 421: Power transformers and reactors, 10/17/2025

1/2689/ED, IEC 60050-C00114 ED0: CR for IEV 421 Power transformers and reactors, 10/03/2025

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

Ergonomics (TC 159)

ISO 7730:2025, Ergonomics of the thermal environment - Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria, $201.00

Fasteners (TC 2)

ISO 13670:2025, Fasteners - Reverse-taper grooved pins - One quarter-length progressive grooves on both sides, $84.00

Furniture (TC 136)

ISO 4211-6:2025, Furniture - Tests for surface finishes - Part 6: Assessment of resistance to scratching, $127.00

Implants for surgery (TC 150)

ISO 5832-2:2025, Implants for surgery - Metallic materials - Part 2: Unalloyed titanium, $56.00

Industrial automation systems and integration (TC 184)

ISO 8000-220:2025, Data quality - Part 220: Sensor data: Quality measurement, $127.00

Nuclear energy (TC 85)

ISO 20041-2:2025, Tritium and carbon-14 activity in gaseous effluents and gas discharges of nuclear installations - Part 2: Determination of tritium and carbon-14 activities sampled by bubbling technique, $230.00

Quality management and quality assurance (TC 176)

ISO 54002:2025, Quality management systems - Guidance for the application of ISO 9001:2015 in police organizations, $287.00

Refractories (TC 33)

ISO 2478:2025, Dense shaped refractory products - Determination of permanent change in dimensions on heating, $84.00

ISO 5017:2025, Dense shaped refractory products - Determination of bulk density, apparent porosity and true porosity, $84.00

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

ISO 24566-4:2025, Drinking water, wastewater and stormwater systems and services - Adaptation of water services to climate change impacts - Part 4: Wastewater services, $230.00

Sieves, sieving and other sizing methods (TC 24)

ISO 22412:2025, Particle size analysis - Dynamic light scattering (DLS), $259.00

Soil quality (TC 190)

ISO 15192:2025, Soil and waste - Determination of chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection, $172.00

ISO Technical Reports

Banking and related financial services (TC 68)

ISO/TR 24371:2025, Financial services - Natural person identifier (NPI) - Natural person identifier lifecycle operation and management, $287.00

ISO Technical Specifications

Excellence in service (TC 312)

ISO/TS 19387:2025, Service excellence - Maturity model, $84.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 21221:2025, Information technology - Artificial intelligence - Beneficial AI systems, $172.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 6523-2:2025, Information technology - Structure for the identification of organizations and organization parts - Part 2: Registration of organization identification schemes, $84.00

ISO/IEC/IEEE 8802-1DC:2025, Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 1DC: Quality of service provision by network systems, $230.00

ISO/IEC TS 6254:2025, Information technology - Artificial intelligence - Objectives and approaches for explainability and interpretability of machine learning (ML) models and artificial intelligence (AI) systems, $259.00

ISO/IEC/IEEE 8802-15-7:2025, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 15-7: Short-range optical wireless communications, $287.00

IEC Standards

Electrical accessories (TC 23)

IEC 63445 Ed. 1.0 b:2025, System referencing conductor switching device, $470.00

IEC 63445 Ed. 1.0 en:2025, System referencing conductor switching device, $470.00

Electrical installations of buildings (TC 64)

IEC 60364-1 Ed. 6.0 b:2025, Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, and definitions, $361.00

IEC 60364-1 Ed. 6.0 en:2025, Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, and definitions, $361.00

Other

IEC SRD 63302-2 Ed. 1.0 en:2025, Smart city use case collection and analysis - Intelligent operations centre for smart cities - Part 2: Use case analysis, $412.00

Rotating machinery (TC 2)

IEC 60072-2 Ed. 2.0 b:2025, Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1 000 and flange numbers 1 180 to 2 360, $103.00

IEC 60072-2 Ed. 2.0 en:2025, Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1 000 and flange numbers 1 180 to 2 360, $103.00

IEC Technical Reports

Fibre optics (TC 86)

IEC/TR 63431 Ed. 1.0 en:2025, Optical fibre cables - Microduct technology - Guidance, $200.00

Fire hazard testing (TC 89)

IEC/TR 60695-2-16 Ed. 1.0 en:2025, Fire hazard testing - Part 2 -16: Glowing/hot-wire based test methods - Summary of the round robin tests related to the use of pyrometer for glow-wire temperature measurements according to IEC 60695-2-10, $528.00

IEC Technical Specifications

UHV AC transmission systems (TC 122)

IEC/TS 63042-103 Ed. 1.0 en:2025, UHV AC transmission systems - Part 103: Security and stability requirements for system planning and design, $258.00

International Electrotechnical Commission (IEC)

Call for Members (USNC)

USNC TAG to IEC/TC 77

The USNC Technical Advisory Group (TAG) to IEC/TC 77 would like to grow its membership. **Individuals who are interested in joining the USNC TAG to IEC/TC 77, are invited to contact Betty Barro at bbarro@ansi.org as soon as possible.**

Please see the scope for **the IEC/ TC 77** below:

Scope: **SC 77 - Electromagnetic compatibility**

Standardization
- to prepare standards and technical reports
- in the field of electromagnetic compatibility (EMC), with particular emphasis on general application and use by product committees. (Horizontal function).
The scope covers the following aspects of EMC:
- Immunity and related items, over the whole frequency range: basic and generic standards,
- emission in the low frequency range (f <= 9 kHz, e.g. harmonics and voltage fluctuations): basic, generic and product (family) standards,
- emission in the high frequency range (f > 9 kHz): disturbances not covered by CISPR 10 (1992), in co-ordination with CISPR (e.g. mains signalling).
Product immunity standards are not included. However, at the request of product committees, TC 77 may also prepare such standards under the co-ordination of ACEC.

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.

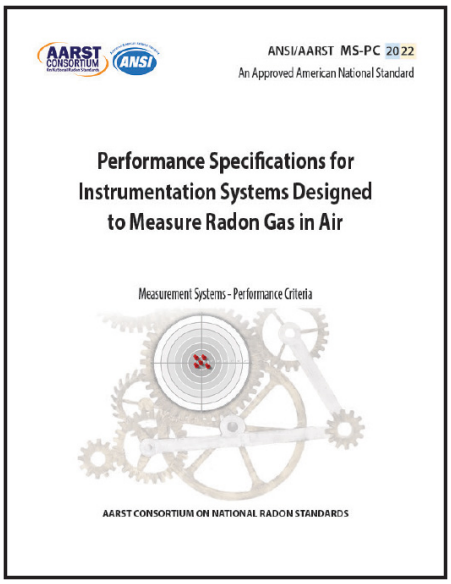
Online Resources:
WTO's ePing SPS&TBT platform: https://epingalert.org/
Register for ePing: https://epingalert.org/en/Account/Registration
WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:
https://www.wto.org/english/tratop_e/sps_e/sps_e.htm
WTO Committee on Technical Barriers 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.

Public Review of revisions to MS-PC 2022

Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air

In response to public comments, only two minor details are being proposed for revision to ANSI/AARST MS-PC 2022.
ANSI/AARST standards are available for free review and for purchase at www.standards.aarst.org. A link to ensure you receive future public review notices can be found at www.standards.aarst.org/public-review.

This standard specifies minimum performance criteria and testing procedures for instruments and/or systems designed to quantify the concentration of 222Rn gas in air. These are consistent with general performance criteria applicable to the wide variety of radon measurement devices used for indoor measurements, primarily in residential environments or buildings not associated with the possession or handling of radioactive materials. Also included is a description of documentation necessary for demonstration of compliance with this standard.



Public Review: MS-PC 25-9

COMMENT DEADLINE: **October 12th, 2025**

REQUESTED PROCESS AND FORM FOR FORMAL PUBLIC REVIEW COMMENTS

Submittals (MS Word preferred) may be attached by email to StandardsAssist@gmail.com

1) Do not submit marked-up or highlighted copies of the entire document.

2) If a new provision is proposed, text of the proposed provision must be submitted in writing. If modification of a provision is proposed, the proposed text must be submitted utilizing the strikeout/underline format.

3) For substantiating statements: Be brief. Provide abstract of lengthy substantiation. (If appropriate, full text may be enclosed for project committee reference.)

REQUESTED FORMAT

Public Reviewed Item and Its Date: MS-PC 25-9

- **Name:** Affiliation:
- **Clause or Subclause**:
- **Comment/Recommendation**:
- **Substantiating Statements**:

Repeat the four bullet items above for each comment.

Intellectual rights

NOTE: Commenters that choose to submit comments shall be deemed to have done so at their sole discretion and acceptance that work product resulting from comments and other participation shall be wholly owned by the publisher (AARST), to include all national and international publishing and intellectual rights associated with the work product creation and publication.

AARST Consortium on National Standards

Website: www.standards.aarst.org Email: Standards@aarst.org

527 N Justice Street, Hendersonville, NC 28739

The Consortium Consensus Process

The consensus process developed for the AARST Consortium on National Radon Standards and as accredited to meet essential requirements for American National Standards by the American National Standards Institute (ANSI) has been applied throughout the process of approving this document.

Continuous Maintenance

This standard is under continuous maintenance by the AARST Consortium on National Standards for which the Executive Stakeholder Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard.

User Tools: User tools are posted online (www.standards.aarst.org/public-review) as they become available (such as templates for field notices, inspection forms, interpretations and approved addenda updates across time).

Notices

Notice of right to appeal: Bylaws for the AARST Consortium on National Standards are available at www.standards.aarst.org/public-review. Section 2.1 of Operating Procedures for Appeals (Appendix B) states, "Persons or representatives who have materially affected interests and who have been or will be adversely affected by any substantive or procedural action or inaction by AARST Consortium on National Standards committee(s), committee participant(s), or AARST have the right to appeal; (3.1) Appeals shall first be directed to the committee responsible for the action or inaction."

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TOPIC 1 CLARITY ON DEFINITIONS

These proposed revisions speak to concerns expressed in public comments.

4. DEFINITIONS & ABBREVIATIONS

~~Terms not defined herein shall have their ordinary meaning within the context of their use. Ordinary meaning shall be defined in "Webster's Eleventh New Collegiate Dictionary."~~

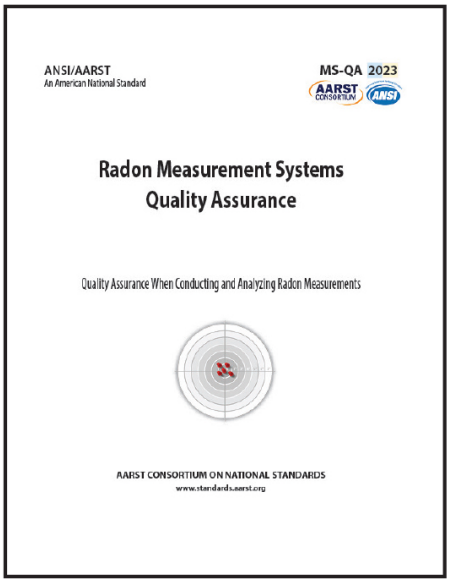
Accuracy. The degree of agreement between the ~~observed~~ value produced by the instrument or measurement system being evaluated (X) and the conventionally true value (T) of the quantity being measured. The degree of agreement is often expressed as the difference between X and T: (X – T), or as a percentage relative to T: (100 [X – T] / T).

Public Review of revisions to MS-QA 2023

Radon Measurement Systems Quality Assurance

In response to public comments, the attached content is being proposed for revision to ANSI/AARST MS-QA 2023.
ANSI/AARST standards are available for review free and for purchase at www.standards.aarst.org. A link to ensure you receive future public review notices can be found at www.standards.aarst.org/public-review.

This standard of practice specifies minimum requirements for quality systems designed to quantify the concentration of ^{222}Rn gas in air by qualified professionals (QPs) and laboratories, whose data are intended to be used to determine the need for, or success of, radon mitigation.



Public Review: MS-QA 25-9
COMMENT DEADLINE: **October 12th, 2025**

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Submittals (MS Word preferred) may be attached by email to StandardsAssist@gmail.com

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3) For substantiating statements: Be brief. Provide abstract of lengthy substantiation. (If appropriate, full text may be enclosed for project committee reference.)

REQUESTED FORMAT

Public Reviewed Item and Its Date: MS-QA 25-9

- **Name:** Affiliation:
- **Clause or Subclause**:
- **Comment/Recommendation**:
- **Substantiating Statements**:

Repeat the four bullet items above for each comment.

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TOPIC 1 DUPES, BLANKS, AND SPIKES

These proposed revisions speak to field operations when conducting dupes (comparison checks), blanks and spikes for quality control of electret ion chamber detectors (EIC), alpha track detectors (ATD), and charcoal adsorption devices (CAD). They add clarity on how to conduct these quality control checks and draw a distinction relative to proficiency testing of laboratories that can be conducted with blind testing procedures.

2 DEFINITIONS

Accuracy: The degree of agreement between the ~~observed~~ value produced by the instrument or measurement system being evaluated (X) and the conventionally true value (T) of the quantity being measured. The degree of agreement is often expressed as the difference between X and T: (X – T), or as a percentage relative to T: (100 [X – T] / T).

Blind: A type of *performance test* of the **analytical** capability of a method in which a sample is not identified as a *performance test* to the analyst.

~~Note—When QC detectors are processed at an analysis laboratory, best practices dictate that they should be treated and labeled as other routinely returned detectors and should not to be identified as QC detectors. As sometimes required by state regulators or as part of coordinated QC efforts with the laboratory, it may be acceptable to identify QC detectors to the analyst.~~

Performance Test: A Performance Test, or blind performance test, is a blind spike in which the radon reported by the device user or laboratory is compared by an independent party, such as a chamber or proficiency program, to the established chamber concentration in which the device was exposed. Performance Test criteria historically includes an IRE of no more than 25%. ~~Independent verification is a demonstration of quality that is valuable to third parties such as certification bodies (State or private) and consumers.~~

3 REQUIREMENTS FOR ALL METHODS

3.3 Validation of Performance

3.3.2 *Field Operations— ~~Blind~~ Blanks and Spikes*

When field *blanks* and field spikes are processed at an independent analysis laboratory, they shall be identified as "QAQC," to the analyst or analysis laboratory including those reserved for *blind* testing. This facilitates removal of these QAQC test results when laboratories report to public health databases.

~~*Informative advisory*—When field *blanks* and field spikes are processed at an independent analysis laboratory, they should be treated and labeled as other returned detectors and are not to be identified as *blanks* or *spikes* to the analyst because the objective of field QC is to monitor the stability of field operations and procedures.~~

~~If there are more restrictive requirements, including those by credentialing authorities that may require the demonstration of a minimum proportion of QC detectors and chain of custody, then that authority supersedes this standard.~~

There is no prohibition on performance testing as an independent verification of a laboratory's quality by conducting blind blanks, spikes or comparison checks. The analysis laboratory shall however be promptly informed of the blind test results or reference chamber values after receiving the reports from the laboratory.

5 QC FOR FIELD OPERATIONS USING EIC, alpha track detectors (ATD), and charcoal adsorption devices (CAD) METHODS

5.2 Field Operations (EIC, ATD, CAD) Blanks

5.2.1 *Field Operation Blanks—Frequency and Procedures*

Users of EIC, ATD, and CAD detectors are responsible for setting aside at least 5% of the number of measurements or a maximum required of 25 per month to be used as blanks. If using detectors with different configurations, even when from the same manufacturer, the same requirement applies for each different configuration, including differences in both the design of the detector as well as the type and source of the sensitive material used in the CADs and ATDs

(Note—Section 7.4 (Lab Quality Control of Detector Materials) describes quality tracking for laboratories.)

Procedures related to detector packaging and shipping, such as opening and immediately closing detectors, shall be done in conformance with manufacturer recommendations for handling *blanks*.

~~*Informative advisory*—When *blanks* are processed at an independent analysis laboratory, the deployment period represented to an independent analysis laboratory shall be consistent with that of other deployed detectors or as stated by the manufacturer as the optimal deployment period for that detector.~~

Once deployed for evaluating lack of influence of factors encountered outside the measured environment during storage, transit and field operations, the detectors shall be sent to the analyst or analysis laboratory. *Blanks* shall be identified as "QAQC" to the analyst or analysis laboratory including those reserved for *blind* testing. The test duration reported to the analyst or analysis laboratory shall be compatible with manufacturer recommended deployment periods for the specific detector. The range of test conditions reported, such as temperature, humidity, location and weather, shall be consistent with those that represent normal test conditions. Once receiving test results, the analysis laboratory shall be promptly informed that this was a *blank*.

5.3 Field Operations (EIC, ATD, CAD) Spikes

Spikes provide evidence of a continued accurate measurement system operation by comparing reported spike analyses results to a recognized reference authority for radon concentration. Documentation of within-limit *spikes* is necessary to support the validity of measurements. ~~*Spikes* should be labeled and treated as other returned detectors *and are not to be identified* as *spikes* to the analyst.~~

Detectors to be spiked shall be submitted to an approved reference chamber for exposure to a known concentration of radon soon after purchase. The reference chamber shall be instructed to send the exposed samples to the analyzing laboratory with dates and times of the chamber exposure. *Spikes* shall be identified as "QAQC" to the analyst or analysis laboratory. The professional shall compare the measured value reported by the analyzing laboratory to the known concentration value reported by the reference chamber for inclusion in QC evaluations and records. The analysis laboratory shall be promptly informed of the reference chamber values after receiving the test results from the laboratory.

5.4 Field Operations (EIC, ATD, CAD) Duplicates

5.4.1 *Field Operation Duplicates—Frequency and Procedures*

Field operation *duplicates* are to be deployed in approximately one in 10 measurements, or 10% the time. Large projects involving more than 20 measurements are to include some *duplicates*.

Conducting duplicates is to include exposing identical, *collocated devices* (see Definitions) simultaneously for at least 48 hours, submitting them for analysis with~~out~~ identification as "side-by-side" ~~*duplicates (blind)*~~ and then comparing the two results. The results of each *duplicate* pair are to be recorded and plotted on control charts for evaluation.

TOPIC 2 CRM

These proposed revisions speak to clarity on quality control comparison checks for continuous radon monitors (CRM) as intended and as revised relative to when purchasing a new device or receiving it back subsequent to calibration.

4 CONTINUOUS RADON MONITORS (CRM) QC

4.2 CRM Comparison Checks

4.2.1 *CRM Comparison Checks—Frequency and Procedure*

Comparison checks for each instrument are to be made with approximately every tenth deployment in the field measurement (i.e., 10%), so that the checks are distributed across the range of conditions, operators and usage patterns experienced by the radon measurement provider.

CRMs used in a *comparison check* are to be operated in the manner that they are typically deployed in the normal course of business. The results of *comparison checks* shall be recorded and analyzed so that the QP better understands the expected imprecision during routine, stable operations (e.g., *"in-control"* conditions). This practice can identify malfunctions or damage during shipping and handling.

~~*Informative advisory*—It is recommended that~~ Routine procedures for beginning chain of custody of CRMs when they are received, either new or from recalibration, include a *comparison check* ~~*with another CRM.*~~ or an intercomparison prior to test results released from the instrument are reported to be valid. This procedure helps validate both instrument performance and *calibration.* Options include:

a) a collocated *comparison check*, as defined in this section 4.2.1, or

b) an intercomparison with another calibrated CRM, though not necessarily of the same device model, for a duration of not less than 12 hours

This practice can identify malfunctions or damage during shipping and handling.

TOPIC 3 LABORATORIES

These proposed revisions speak to clarifying procedures at laboratories that analyze charcoal adsorption detectors using Gamma Spectroscopy technology.

8 LAB QA FOR CHARCOAL ADSORPTION DEVICES—Gamma Spectroscopy METHODS

8.1.1 *Equipment Maintenance*

All system components are to be ~~routinely~~ maintained according to manufacturing instructions and verified for functionality when operating to analyze detectors. Concerns are to be logged and relayed to the quality manager or persons responsible for *data validation* of test results.

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

Public Review Draft

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

First Public Review (August 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.

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(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 change removes the ≥10 ft (3 m) of ductwork for filtration requirement. In order to provide acceptable IAQ, the coils must be kept clean. The requirement for filtration should apply to all equipment heating or cooling air, regardless of whether or not the equipment has ductwork. In addition, MERV 11 filtration also removes at least 65% of particles between 1.0 and 3.0 microns, thereby improving the IAQ.

The exception for evaporative coolers is clerical; evaporative coolers were already an exception, but this proposal moves them into an exception to improve the clarity.

The exception for mechanical systems with less than 10 ft of ductwork until 2029 is to allow minisplit heat pump manufacturers time to redesign systems as needed to meet the requirement.

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

Addendum y to 62.2-2025

Revise Section 6.7 as shown below.

6.7 Minimum Filtration. Mechanical systems that supply air to the dwelling unit ~~through ductwork exceeding 10 ft (3 m) in length and~~ through a thermal conditioning component, ~~except evaporative coolers,~~ shall be provided with a filter having a designated minimum efficiency of MERV 11 or better when tested in accordance with ASHRAE Standard 52.2, or a minimum particle size efficiency of 20% in the 0.3 to 1.0 µm range, 65% in the 1.0 to 3.0 µm range, and 85% in the 3.0 to 10 µm range in accordance with AHRI Standard 680. The system shall be designed such that all recirculated air and mechanically supplied outdoor air is filtered before passing through the thermal conditioning components. The filter shall be located and installed in such a manner as to facilitate access and regular service by the owner.

Exceptions to Section 6.7:

1. Evaporative coolers.

2. Mechanical systems supplying air to an occupiable space through ductwork less than 10 ft (3m) in length, until January 1, 2029.

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

Public Review Draft

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

First Public Review (August 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).

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FOREWORD

This proposed change clarifies the requirements in Section 5.1 Local Mechanical Exhaust. The standard used "provides local mechanical exhaust" instead of "provides exhaust" because someone might be confused over whether a whole-house exhaust system that is also used as a local exhaust system must exhaust from each room in the home (not necessary). Also, we specified "exhaust inlet" instead of "inlet" to remove any ambiguity around what type of inlet we're referencing.

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

Addendum z to 62.2-2025

Revise Section 5.1 as shown below.

5.1 Local Mechanical Exhaust. ~~A~~ One or more local mechanical exhaust systems shall be designed and installed ~~in each~~ to serve every kitchen, bathroom, and toilet room. Where a single exhaust fan provides local mechanical exhaust to multiple rooms, there shall be an exhaust inlet in each room served. The system ~~and~~ shall be one of the following:

a) a demand-controlled local mechanical exhaust system meeting the requirements of Section 5.2 or
b) a continuous local mechanical exhaust system meeting the requirements of Section 5.3.

Public Review Draft

Proposed Addendum e to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

Third Public Review (July 2025)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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).

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Foreword

The third ISC makes modifications based on comments from the second public review. The change strikes the minimum weight requirement under the exception for stone ballasted roofs based on provisions contained in the International Building Code (IBC) that establishes the weight of stone ballasted roofs. This change was originally shown in the 1st public review draft and added back in for the 2nd public review, ISC. This change would finalize the deletion of the minimum weight requirement under the exception for stone ballasted roofs.

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

Addendum e 3rd ISC to 189.1-2023

Modify Section 5.3.5.3 as follows:

5.3.5.3 Roofs. Roof surfaces for *building projects* in Climate Zones 0, 1, 2, 3, 4A, and 4B shall be covered with products that

a. have a minimum three-year-aged *SRI* of 64 in accordance with Section 5.3.5.4 for roofs with a slope of less than 2:12.
b. have a minimum three-year-aged *SRI* of 25 in accordance with Section 5.3.5.4 for roofs with a slope 2:12 or greater.

Exceptions to 5.3.5.3:

1. Roofs where not less than 75% of the roof surface is shaded during the peak sun angle on the summer solstice by permanent components or features of the *building,* including adjacent buildings or structures.
2. Existing buildings in Climate Zones 4A and 4B undergoing roof replacement.
3. Roofs with exposed concrete used as a parking deck, provided that they have a minimum initial *SRI* of 29. A default *SRI* value of 35 for new concrete without added color pigment is allowed to be used instead of measurements.
4. Stone ballasted in Climate Zones 4A and 4B ~~having a weight of not less than 17 lb/ft^2 (83 kg/m^2)~~.
5. Portions of the roof covered by permanently installed objects such as HVAC systems, solar energy systems, decks, and walkways.
6. Vegetated terrace and roofing systems complying with Section 5.3.5.5.

Public Review Draft

Proposed Addendum q to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

First Public Review (July, 2025)
(Draft Shows Proposed Changes to Current Standard)

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

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Foreword

This addendum clarifies the requirements for electric vehicle charging infrastructure by placing the percentages that specify the required number of parking spaces of various types into a table.

The addendum also removes the EV charging option based on the number of employee-only parking spaces. The project committee believes the existing language is a loophole to the intended requirements for overall EV charging infrastructure based on building occupancy.

These proposed changes are made with respect to previously published Addendum i to 189.1-2023 and Addendum c to 189.1-2023.

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

Addendum q to 189.1-2023

Modify Section 5.3.7.3 as follows:

5.3.7.3 ELECTIC VEHICLE CHARGING INFRASTRUCTURE

~~**5.3.7.3.1 Non-Residential Occupancies.**~~ Where four or more on-site vehicle parking spaces are provided as part of the *building project,* ~~for International Building Code (IBC) Occupancy Group A, B, E, F, I, M, and S buildings, not less than 4% of the total number of parking spaces or 8% of designated employee only parking spaces shall be *EV ready spaces* or *EVSE* spaces. Not less than 30% of the total number of parking spaces shall be~~ *EV capable spaces, EV ready space, ~~or~~* and *EVSE* spaces shall be provided as shown in Table 5.3.7.3 as a percentage of the total number of on-site parking spaces. Where *EVSE spaces* are provided, they apply toward the requirements for *EV ready spaces* and *EV capable spaces*. Where *EV ready spaces* are provided, they apply toward the requirement for *EV capable spaces.*

~~**Exception to 5.3.7.3.1:**~~

Parking spaces designated by signage for curbside pick-up, drop-off, or any designated duration of not more than 30 minutes shall be excluded from the total number of on-site parking spaces.

Table 5.3.7.3 Required minimum number of EV spaces

Building Occupancy	*EVSE Spaces*	*EV Ready Spaces*	*EV Capable Spaces*
Group A, B, E, F, I, M, and S Occupancies	0%	4%	30%
Group R-1, R-2, and R-4 Occupancies	0%	20%	75%

~~**5.3.7.3.2 Residential Occupancies.** Where four or more on-site vehicle parking spaces are provided for IBC Occupancy Group R-1, R-2, and R-4 buildings, not less than 20% of the total number of parking spaces shall be *EV ready spaces* or *EVSE* spaces. Not less than 75% of the total number of parking spaces shall be *EV capable spaces*, *EV ready spaces*, or *EVSE* spaces.~~

~~**Exception to 5.3.7.3.2:**~~

~~Parking spaces designated by signage for curbside pick-up, drop-off, or any designated duration of not more than 30 minutes shall be excluded from the total number of on-site parking spaces.~~

The following definitions are shown below the line, are for reviewer convenience only, and are not being changed, and are not part of this addendum.

electric vehicle supply equipment (EVSE): equipment for plug-in power transfer, including the ungrounded, grounded, and equipment grounding conductors; electric vehicle connectors; attachment plugs; personnel protection system; and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

electric vehicle supply equipment installed space (EVSE space): a vehicle parking space that is provided with a dedicated *Level 2* or *Level 3 EVSE* connection.

EV capable space: a designated parking space to which raceways extend from a building that has the electrical distribution equipment capacity necessary for the future conversion of the parking space to an *EV ready space*.

EV ready space: a designated parking space provided with a dedicated branch circuit for *Level 2* or *Level 3 EVSE*. The circuit includes an overcurrent protective device and terminates in a junction box or receptacle outlet located in close proximity to the proposed location of the EV parking spaces.

Level 2 EVSE: EV charger capable of providing a 208/240-volt or greater output voltage and 40-ampere (or greater) output current.

Level 3 EVSE: DC fast charger capable of providing a 400-volt or greater output voltage and 80-ampere (or greater) output current.

Public Review Draft

Proposed Addendum u to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

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Foreword

Section 9.4 is a mandatory component in Section 9 to address awareness of environmental impacts during product selection. This addendum simplifies the requirements for submitting Environmental Product Declarations (EPDs) and updates terminology. Compliance with the section can be achieved without identifying all building products within the building project or estimating the total cost of building products installed. The two tiers of requirements are based on the size of the building project or, for less than full new construction, on the area being altered. Regional- or industry-average EPDs do not count as a full product since the values do not directly represent the specific products being installed in the project.
These changes to Section 9.4 simplify compliance with the standard and do not add cost.

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Addendum u to 189.1-2023

Modify Section 9.4 as follows:

9.4 Environmental Product Declarations and Global Warming Potential Reporting

9.4.1 Environmental Product Declarations (EPDs). EPDs shall be submitted for *building products* ~~that together represent not less than 25% of the total estimated costs of all *building products* permanently installed in~~ as part of the *building project*~~, or not fewer than 30 EPDs, and such that items (a) through (d) below are satisfied. EPDs submitted shall~~ as follows:

a. For *building projects* or building alteration areas greater than 10,000 ft^2 (1000 m^2), submit not fewer than 30 EPDs

~~a. represent *building products* that are *permanently installed* at the time of issuance of the certificate of occupancy,~~

~~b.~~ representing *building products* from not fewer than ten different manufacturers~~,~~.

~~c. represent not fewer than 20 different *building products*, and~~

~~d. include any *building products* with a value that exceeds 5% of the total cost of all *building products permanently installed* in the *building project*.~~

b. For *building projects* or building alteration areas greater than 5,000 ft^2 (500 m^2) and less than or equal to 10,000 ft^2 (1000 m^2), submit not fewer than 15 EPDs.

~~A value of 45% of the estimated total construction cost shall be permitted to be used in lieu of the total cost of all *building products permanently installed* in the *building project*.~~

9.4.2 Environmental Product Declaration Requirements. EPDs used to comply with Section 9.4.1 shall be third-party verified ~~Type III~~ EPDs consistent with ISO 21930 or ISO 14025, with not less than a cradle-to-gate scope. ~~Where an industry-wide or product-specific Type III EPD is not available for a *building product*, a critically reviewed third-party life cycle assessment report based on ISO 14040 and 14044 or third-party verified summary thereof shall be permitted as an alternative method for demonstrating compliance.~~

~~*Building product* c~~Compliance shall be shown by submitting either a product-specific EPD or a regional- or industry-~~wide~~ average EPD. Each product-specific EPD shall be counted as one ~~*building product*~~ EPD. Each regional- or industry-~~wide~~ average EPD shall be counted as half of an ~~*building product*~~ EPD. Where an industry-average or product-specific EPD is not available for a *building product*, a critically reviewed third-party life cycle assessment report based on ISO 14040 and 14044 or third-party verified summary thereof shall be permitted as an alternative method for demonstrating compliance and shall be counted in the same manner as the corresponding type of EPD.

Building products delivered to the *building project* site as a *building product assembly* comprising multiple components and ready for installation into the *building project* shall be considered a single *building product*. Compliance with Section 9.4.1 shall be based on either

a. an EPD representing the *building product assembly*, or
b. the individual *building product* component parts' EPDs comprising not less than 80% of the *building product assembly*'s total cost or weight.

9.4.3 Reporting of Global Warming Potential (GWP) Contribution. For each of the *building products* with EPDs used to comply with Section 9.4.1, the GWP reported in the applicable EPD as a declared unit or functional unit shall be multiplied by the number of declared units or functional units of the *building product* used in the *building project*. A report shall be created listing the results on a per *building product* basis, identifying the life cycle stages included in each GWP calculation, ~~and~~ including the total area of the *building project* or building alteration area, and shall be provided to the project *owner* and made available to the *AHJ*.

Architectural Woodwork Institute (AWI) - Proposed American National Standard AWI 0648 - Wood Frames

This is a recirculation of this draft to show the substantive and editorial changes made in response to Canvass and Public Comment.

To submit a comment on this proposed standard, go to http://gotoawi.com/standards/awi0648.html to access the Public Comment Form. *(The Public Comment Form is the only venue through which AWI will be accepting public comments.)*

The proposed changes to the current standard are indicated by blue text (for additions) and red text strikethrough (for deletions). 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.

For the full text of the proposed standard go to http://gotoawi.com/standards/awi0648.html to download the current draft.

Table of Contents

1.0 Purpose

b) Establish ~~minimum~~ aesthetic and performance standards intended to provide a well defined degree of control over a project's quality of materials and workmanship for Product.

2.2 Not Included

~~a) Installation of Product~~

g) Wood frames at hot tubs, whirlpools, saunas, steam rooms, bathtubs, and showers

3.1.2 Special Requirements

~~a) Shall be included when specified in the contract documents (special requirements include moisture resistant materials, fire retardant materials, seismic installation).~~

a) When seismic installation is required, such requirements and details shall be specified in the contract documents.

b) Requirements for Product, such as moisture resistant or fire-retardant materials, shall be specified in the contract documents.

3.1.4 ~~Manufacturer/Supplier~~ Requirements for Installation

~~a) Installation of Product shall be in accordance with ANSI/AWI 0620 - Finish Carpentry/Installation (latest edition).~~

a) Manufacturer/supplier shall provide drawings indicating required location of blocking and supports. See ~~the~~ AWI 100 - Submittals (latest edition).

c) Installation of Product shall be in accordance with ANSI/AWI 0620 - Finish Carpentry/Installation (latest edition).

3.1.5 Default Performance Requirements

a) Unless otherwise specified, Product shall comply with the following minimum defaults:

- Custom Grade
- Unfinished closed-grain hardwood intended for an opaque finish.

3.2.3.1 Panel Products, Transparent Finish

a) Flat panel core shall be:

Premium	Custom	Economy
Particleboard, MDF, or combination core	Particleboard, MDF, or combination core	At the option of the manufacturer/supplier

3.2.4 Glass and Glazing

a) Glass class, type, thickness, color, and/or edge treatment shall be specified.

~~b) Glass type, thickness, color, and/or edge treatment shall be specified.~~

3.3.2.1 Transparent Finish

d) Block lamination at segmented materials shall be:

Premium	Custom	Economy
Cut from the same board when practical	Cut from the same board when practical	At the option of the manufacturer/ supplier

3.4 Aesthetic

b) The three levels of performance are Premium, Custom, and Economy:

Premium Grade	Custom Grade	Economy Grade
The aesthetic grade defining the highest degree of control over materials, workmanship, and manufacture	The aesthetic grade defining a high degree of control over materials, workmanship, and manufacture	The aesthetic grade defining the minimum degree of control over materials, workmanship, and manufacture

~~f) Natural characteristics and manufacturing defects at exposed surfaces shall be inconspicuous.~~

f) Voids, wane, and unfilled knots are permitted when permanently concealed after installation.

3.4.4.5 Warp

a) As a lineal ratio, per 305 mm [12”] in the diagonal, width, and/or length, warp ~~of Product (See Figure 5, E)~~ shall not exceed:

Premium	Custom	Economy
.8 mm [.031”] or portion thereof	1.2 mm [.047”] or portion thereof	1.6 mm [.063”] or portion thereof

b) Measurements for warp shall be taken on the concave face of the panel (See Figure 5, E).

Example: A panel with dimensions of 813 mm [32”] x 1219 mm [48”], as illustrated (See Figure 5-E) will have a diagonal measurement of 1465 mm [57.689”]. In custom grade, the maximum distance between the string and the face of the panel will be 5.8 mm. (1465 mm / 305 mm x 1.2 mm = 5.8 mm [57.689” / 12” x .047” = .226”])

5.2.1 ~~Contract Document~~ General Specification Requirements

5.2.2 ~~Wood Specifications~~ Material Specification Requirements

~~a) Species~~

~~b) Grain direction~~

5.2.2.1 Solid Wood

a) Species

b) Grain direction

5.2.2.2 Veneer

a) Species

b) Grain direction

~~5.2.4~~ 5.2.2.3 Decorative Laminate ~~Specifications~~

1 INTRODUCTION

2 GENERAL INFORMATION

3 GENERAL REQUIREMENTS

4 PERFORMANCE REQUIREMENTS

4.2 Fire Extinguishing Tests

4.2.1 Engine Compartment Fire Tests (Total Flooding)

4.2.1.1 Requirement

Total flooding engine compartment HDME protection systems with total uncloseable openings less than 25% of engine compartment surface area shall successfully extinguish all fires in each Class B hazard fire scenario when designed and installed as specified by the manufacturer.

For each test, the agent storage container shall be filled with the suppressant to its rated capacity and shall be pressurized to its normal working pressure. It shall be conditioned to the minimum specified operating temperature, for a minimum of 16 hours, and maintained at this temperature until the system is discharged.

For gas cartridge operated systems, both the agent storage container and the gas cartridge shall be conditioned to the minimum specified operating temperature, for a minimum of 16 hours, and maintained at this temperature until the system is discharged.

~~The agent distribution configuration producing the lowest single nozzle quantity of extinguishing agent from Section 4.1 (Flow Distribution Tests) shall be used. The most hydraulically disadvantaged nozzle(s) shall be used in the fire test scenarios. The quantity of agent discharged shall not deviate more than 10% from the amount collected in the flow distribution tests.~~

4.2.1.2 Tests/Verification

4.2.1.2.2 Engine Compartment Spray Fire Extinguishment Tests

Fuel spray fires shall be produced by injecting diesel fuel through a Monarch 15.5 gal/h (58.7 L/h) 70 degree semi-hollow cone nozzle, or equivalent. The diesel fuel shall be supplied to the nozzle via 3/8 in. (9.5 mm) tubing, fittings, and adaptors. The supply line shall enter from the compartment's front wall, when facing the apparatus with the blower to the left 25 in. (640mm) from the left end of the compartment, and 18.5 in. (470 mm) below the compartment's top surface. Figure D-5 in Appendix D shows the line connections required from the compartment wall to the nozzle, to position the nozzle approximately 7 in. (175 mm) below the manifold. The nozzle orientation is 45° upward from the horizontal plane.

- The system manufacturer may position the discharge nozzles in any manner consistent with the specified design constraints. Distribution configurations may vary in construction materials (e.g., hose and tubing) and in the length of hose or tubing from those demonstrated in Section 4.1 (Flow Distribution Tests), to accommodate the install of the discharge nozzles inside and outside of the engine compartment as necessary. Dual agent systems may be installed for simultaneous or serial operation per the manufacturer's specifications.
- The two simulated exhaust manifolds shall be heated to 900°F (482°C) minimum evenly

across the length of the line burner with the propane burners.

- The diesel spray shall be initiated at 0.25 gal/min (1 L/min). The diesel fuel flow rate shall be set using a pressure regulator and verified by timing the flow of fuel through the cone nozzle into a graduated cylinder.
- The propane feed to the burners shall be shut off after the diesel spray has ignited.
- The blower shall be started, and the air flow brought to 20 ft/s (6 m/s). Note: The blower speed shall be measured prior to each test, at the center of the straightener at approximately 1 foot away from the face of the screen before the engine compartment is installed. The blower speed setting shall be noted and used for the required tests.
- Suppressant discharge shall be initiated after the air flow has been stabilized, but no sooner than 30 seconds after the blower was started. The system discharge may be terminated at any point prior to the completion of the effective discharge, as desired. The quantity of suppressant released into the engine compartment shall be measured.

4.2.1.2.3 Engine Compartment Spill Fire Extinguishment Tests

A channel shall be built into the top of the engine block to produce a consistent simulated spill of diesel fuel. The channel shall be 6 in. (152 mm) wide and 1/2 in. (13 mm) deep and be centered on top of the engine block along the longitudinal centerline. Weirs 1/4 in. (6 mm) high shall be provided on both ends of the channel to maintain the fuel level. 3/8 in. (9.5 mm) stainless steel tubing shall be used to feed diesel fuel to the channel through a circular cup located at the channel center. Diesel then fills the channel and spills out at both ends. The circular cup shall be made of a 1 in. (25 mm) long, piece of 2-1/2 in. schedule 40 pipe, centrally welded onto a 3/16 in. (5 mm) thick, 4 x 4 in. (102 x 102 mm) steel plate. The diesel fuel flow rate into the cup shall be maintained at 0.25 gal/min (1L/min) during spill fire testing.

- The suppressant nozzles shall be positioned in the same locations as for the engine compartment spray fire tests.
- The two simulated exhaust manifolds shall be heated to 900°F (482°C) minimum evenly across the length of the manifolds with propane line burner burners.
- The diesel spill shall be initiated on top of the engine block at 0.25 gal/mi (1 L/min). The diesel fuel flow rate shall be set using a pressure regulator and verified by timing the flow of fuel into a graduated cylinder. Note: The fuel channel shall not be prefilled with fuel.

4.2.5 Protection of Machinery Spaces (Total Flooding) - CAF-Foam, Dry Chemical, etc.

4.2.5.2 Tests/Verification

The agent distribution configuration producing the lowest single nozzle quantity of extinguishing agent from Section **Error! Reference source not found.** (Flow Distribution) shall be used. The most hydraulically disadvantaged nozzle shall be used in the fire test scenario. The quantity of agent discharged shall not deviate more than 10% from the amount collected in the flow distribution tests. The nozzle may be placed in accordance with the limitations specified in the system installation manual.

Alternatively, a single nozzle system replicating the flow rate and agent quantity from the worst performing nozzle from the flow distribution tests may be used. A “no fire” discharge shall be conducted to confirm the system flow rate. The agent delivered to the apparatus shall be no more than the amount collected from the worst performing nozzles in the flow distribution tests.
For each test, the agent storage container shall be filled with the suppressant and shall be pressurized to its normal working pressure. It shall be conditioned to the minimum specified operating temperature, for a minimum of 16 hours, and maintained at this temperature until the system is discharged.

For gas cartridge operated systems, both the agent storage container and the gas cartridge shall be

conditioned to the minimum specified operating temperature, for a minimum of 16 hours, and maintained at this temperature until the system is discharged.

4.4.3

For the tests with air flow, the test enclosures shall additionally include one 1 ft^2 (0.09 m2) opening at the top of the enclosure wall, and one 1 ft^2 (0.09 m2) opening within 2 ft (0.6 m) of the bottom of the enclosure wall; these opening sizes may not be scaled based on enclosure volume and are not included as part of the uncloseable area. The fan being used to provide the air exchange can either be located in the upper 1 ft^2 opening, or in a separate opening, but not in the lower 1 ft^2 opening. The fan shall push air into the enclosure.

4.4.3 30-Day Maximum Temperature Leakage Test

4.4.3.1 Requirement

Agent storage container assemblies shall ~~not leak~~ be monitored for leakage in excess of 0.042 percent of the pressurizing gas weight when conditioned to the specified maximum system operating temperature for a 30 day period. This~~e allowable~~ leakage value is 1/12 of the one year allowable leakage, as specified in Section **Error! Reference source not found.** (Long Term Leakage Test – Requirement).

4.4.3.2 Tests/Verification

The samples shall be weighed prior to the elevated temperature exposure and shall be subjected to the maximum specified operating temperature for 30 days. Following the exposure period, the samples shall re-weighed and then discharged using one of the manufacturer's compatible operating devices, then re-weighed to determine compliance to Section 4.4.3.1. Note: Samples from this test may be reused for Section 0 (30-Day Minimum Temperature Leakage Test) and then discharged at the completion of both temperature conditioning periods, at the request of the manufacturer.

4.4.4 30-Day Minimum Temperature Leakage Test

4.4.4.1 Requirement

Agent storage container assemblies shall ~~not leak~~be monitored for leakage in excess of 0.042 percent of the pressurizing gas weight when conditioned to the specified minimum system operating temperature for a 30 day period. This~~e allowable~~ leakage value is 1/12 of the one year allowable leakage, as specified in Section **Error! Reference source not found.** (Long Term Leakage test - Requirement).

4.4.4.2 Tests/Verification

The samples shall be weighed prior to the low temperature exposure and shall be subjected to the minimum specified operating temperature for 30 days. Following the exposure period, the samples shall re-weighed and then discharged using one of the manufacturer's compatible operating devices, then re-weighed to determine compliance to Section 4.4.4.1. Note: Samples from this test may be reused for Section 4.4.3 (30-Day Maximum Temperature Leakage Test) and then discharged at the completion of both temperature conditioning periods, at the request of the manufacturer.

4.8.3 Fire Exposure Resistance

4.8.3.1 Requirement

Flexible hoses installed within the protected space shall withstand damage and remain functional after exposure to the fire conditions described in Section 4.8.3.2, below. Any protective material applied

to the flexible hose shall also be examined along with the hose itself. Following the fire exposure test, flexible hoses shall remain fully functional and withstand the hydrostatic pressure described in Section **Error! Reference source not found.** (Hydrostatic Pressure Test) for one minute. No cracking, fracture, or failure to retain the test pressure shall be permitted. Additionally, flexible hoses shall not exhibit a reduction in flow area and maintain the system discharge flow rates determined in Section 4.1 (Flow Distribution Tests).

4.9 Actuation Device Operation

4.9.1 General

4.9.1.1 Requirement

All actuation devices shall operate under the most adverse system pressure (minimum and maximum pressure) when conditioned to the maximum and minimum specified installation temperatures.

4.9.1.2 Tests/Verification

A minimum of one sample of each device shall be conditioned to the minimum specified installation temperature for 16 hours. While still at that temperature, the device shall be installed on the valve for which it is designed and operated and display no hesitation/delay in normal actuation, partial operation, or other failure. The test valve pressure shall correspond to the pressure developed at the conditioning temperature. Devices operated by pressure shall be tested at maximum or minimum working pressure, whichever is more conservative for the design of the specific component. If the most adverse condition is not easily discernable, the device shall be operated at both extremes of pressure.

A minimum of one sample of each device shall be conditioned at the maximum specified installation temperature for 16 hours, and the evaluations described above shall be repeated.

BSR/UL 268, Standard for Safety for Smoke Detectors for Fire Alarm Systems

1. Field Testing with Integral Self-Test

PROPOSAL

77 Field Service Tests

77.1 Smoke entry and functional (Go/no-go) field test (for the smoke sensor) - with aerosol stimuli

77.1.1 Two smoke detectors, one at maximum and one at minimum sensitivity, shall operate at their intended signaling performance, and each detector's sensitivity shall not shift by more than specified in 30.3.1 after being subjected to 50 alarm and restoration cycles of the manufacturer's specified functional (go/no-go) field test method for smoke entry. When conducting this test, smoke, aerosol, and/or a representative smoke source as defined by the manufacture shall be used. The samples are to be energized with rated voltage and subjected to the functional (go/no-go) test at a rate of not more than one field test per 30 min.

NOTE: Where smoke entry into the smoke detector is not applicable (e.g. beam smoke detector, etc.), the manufacturer's specified test method shall be utilized.

77.1.2 Following the successful completion of the (go/no-go) field test, these samples shall be subjected to the Dust Test, Section 62.

77.4 Smoke entry and Functional test as Integral self-test – with or without aerosol stimuli (for the smoke sensor)

77.4.5 The ~~alternative~~ integral self-test method shall be supervised. Failures preventing the operation of the test method specified in 77.4 shall generate a trouble signal.

BSR/UL 1053, Standard for Ground-Fault Sensing and Relaying

4. Withdrawal of Proposal: Alternate indicator Dust Test – Talcum Powder

PROPOSAL

If the 2025-05-16 proposal is withdrawn, the current requirements in the standard would remain unchanged.

BSR/UL 1450, Standard for Safety for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment

1. Proposed addition of paint pigment dispenser marking and instructions.

PROPOSAL

65.23 Paint pigment dispensers shall be permanently marked with the word "WARNING" and the following or equivalent: "Risk of Fire or Explosion – ~~If flammable liquids are being dispensed, see manual for precautions."~~Do not dispense flammable liquids." This marking shall also be included in the instruction manual in accordance with 66.11.

Exception: Paint pigment dispensers intended to dispense flammable liquids shall be permanently marked with the word "WARNING" and the following or equivalent: "Risk of Fire or Explosion – If flammable liquids are being dispensed, see manual for precautions." A product with this marking shall also be provided with operating and installation instructions in accordance with 67.11.

66.11 A paint pigment dispenser marked in accordance with 65.23 shall have the statement "WARNING – Risk of Fire or Explosion – Do not dispense flammable liquids." or the equivalent appearing in the instruction manual.

67.11 A paint pigment dispenser ~~marked in accordance with the Exception to 65.23~~ shall be provided with instructions that include the following items:

~~a) Recommendation to review Safety Data Sheets for liquids used in the machine, to follow manufacturers safety instructions, and note the flash point temperature.~~

~~b) Warning to ensure the operating temperature of the equipment never exceeds the flash point temperature of any liquid used in the machine.~~

~~c) Recommendation for proper ventilation of equipment to prevent accumulation of flammable vapors.~~

a) Recommendations to install the paint pigment dispenser in a temperature-controlled, well-ventilated area; to provide temperature control to maintain liquids to be dispensed at a temperature below their flash point; and, to provide ventilation ensuring there is no accumulation of flammable vapors in and around the machine during use.

b) Recommendations to review Safety Data Sheets and labeling of liquids to be dispensed by the machine, to follow manufacturers safety instructions, and note the flash point temperature.

c) Warning that use with flammable liquids may present a risk of fire and explosion, and that liquids with a flash point temperature equal to or less than the Operating Temperature of the machine are considered to be flammable. Where the Operating Temperature consists of the Ambient Temperature of the area around the machine plus the additional heat generated by the machine when in use including areas within the machine where flammable vapors from dispensed liquids may accumulate. The manufacturer shall include the expected additional heat generated by the machine when in use, specified in °C and °F.

BSR/UL 2367, Standard for Safety for Solid State Overcurrent Protectors

1. Removal of 5A limitation

PROPOSAL

~~1.6 The devices covered by these requirements limit output currents to values less than the overcurrent protection rating of 5 amperes.~~

2. Addition of new general performance section

PROPOSAL

5.3A EVALUATION BOARD – An accessory provided by the manufacturer, typically in the form of a printed circuit board, populated with the solid-state overcurrent protector and various electronic components such as resistors, capacitors, and diodes that allow the solid-state overcurrent protector to function as intended for testing and development purposes.

10A General

10A.1 The solid-state overcurrent protector shall be tested on the evaluation board specified by the manufacturer. Details of the evaluation board shall be included in the test report.

10A.2 Except for the Temperature, Shipping and Storage, and Thermal Cycling tests, the grounding means is to be connected to ground through a 3-ampere non-time-delay fuse, and the unit is to be draped with a double layer of cheesecloth conforming to the outline of the unit. There shall be no ignition or charring of the cheesecloth, and the 3-ampere ground fuse shall not open.

10A.3 Unless otherwise specified in the test, the input connections of the device shall be connected to a source with a short circuit current capability of at least 250 A (1000 / V) and a power capacity of at least 250 VA.

10A.4 At the manufacturer's option, the same or separate samples may be used for each test in Sections 11-18, except that a minimum of five samples of the minimum, mean, and maximum ratings shall be subjected to the Calibration Test. See 11.4.

10.5 Prior to and following the tests specified in Table 10A.1, each sample shall be subjected to the Calibration Test in Section 11. See 11.8.

Table 10A.1
Required Calibration Tests Following Other Tests

Test Name	Section
Overload Operation Test	Section 13
Shipping and Storage Test	Section 14
Thermal Cycling Test	Section 15
Endurance Test	Section 16
Long Term Abnormal Test	Section 18

~~11.2 During the test, the grounding means is to be connected to ground through a 3-ampere non-time-delay fuse and the unit is to be draped with a double layer of cheesecloth conforming to the outline of the unit.~~

~~12.2 A sample of the device is to be connected as intended in service to a source with a short circuit current capability of at least 250 A (1000 / V) and a power capacity of at least 250 VA.~~

~~13.2 The input connections of the device are to be connected to a source with a short circuit current capability of at least 250 A (1000 / V) and a power capacity of at least 250 VA.~~

16.1 A sample of the device shall be subjected to endurance testing as indicated in Table 16.1. A new sample may be used for each of the endurance cycles. ~~The input connections of the device are to be connected to a source with a short circuit current capability of at least 250 A (1000/V) and a power capacity of at least 250 VA.~~

17.1 The solid-state protector shall be evaluated for conditions imposed by the supply circuit that might have an effect on the limiting circuit performance. The conditions shall include 1/2 wave rectification, high (110 % maximum rated voltage) and low (85 % minimum rated voltage) voltage conditions due to failure of a regulator and similar conditions~~. The condition is imposed with the input connections of the device connected to a source with a short circuit current capability of at least 250 A (1000/V) and a power capacity of at least 250 VA.~~ At the conclusion of this abnormal test, the Endurance Tests 2, 4, 6, and 8 per Table 16.1 shall be repeated, except that the ambient temperature shall be 25 °C ±2 °C (77 °F ± 3.6 °F). The Calibration Tests of Section 11 shall not be repeated after these tests.

3. Updated Calibration Test

PROPOSAL

11.1 A solid state overcurrent protector shall operate in accordance with the parameters shown in Table 11.1 and Table 11.2 and the manufacturer's specifications as indicated in 11.5. There shall be no emission of flame or molten metal from the device during testing or evidence of a risk of fire as determined by the indicator described in 11.2.

11.6 The manufacturer's operating time curve is to be verified by checking ~~105 %, 135 %, 210 %, and 300 % of the protective current rating~~ trip currents as specified in Table 11.3. Five separate component or circuit samples are to be used to check each ~~of the four points~~ point.

Table 11.3
Calibration Test Protective Current Rating Verification

	Percentage of Protective Current Rating			
Type of Protector	105%	135%	210%	300%
Non LPS[a] or Class 2	X	-	-	X
LPS[a] or Class 2	X	X[b]	X[b]	X

[a] See 1.5 and 21.2 concerning Limited Power Source (LPS) requirements. See 1.9 and Section 10, Class 2 Limitations per NFPA 70, Article 725, concerning Class 2 requirements.

[b] If at 105% and 300% protective current rating the measured operating time is less than 2 minutes, then the 135% and 210% protective current rating tests are not required to be conducted. See Table 11.1 and 11.2.

11.8 After each of the tests specified in ~~Sections 13 – 18,~~ Table 10A.1, the Calibration Tests are to be repeated. The results are considered acceptable if the measured operating time characteristics do not exceed the manufacturer's specified parameters by more than 5 percent.

Exception: ~~An~~ A permanent open circuit is considered an acceptable result.

4. Update to the shipping and storage temperature range

PROPOSAL

14.2 ~~The device is to be subjected, first to a temperature of 70 °C (158 °F) for a period of 24 hours, cooled to a room temperature of 23 ±3 °C (73 ±5 °F) for at least 1 hour, and then exposed to a temperature of minus 30 °C (minus 22 °F) for at least 3 hours and finally warmed up to room temperature for a minimum of 3 hours.~~ The device is to be subjected to the ambient conditioning sequence shown in Table 14.1. Each ambient conditioning is to be conducted in the order specified on the same sample(s).

Table 14.1
Shipping and Storage Conditioning Sequence

Conditioning No.	Conditioning Temperature	Minimum Conditioning Time (hours)
1	23 ±3 °C (73 ±5 °F)	3
2	T_1	24
3	23 ±3 °C (73 ±5 °F)	1
4	T_3	3
5	23 ±3 °C (73 ±5 °F)	3

NOTES:

1 - The test temperature, T_1, shall be at least the higher of the following:
a) Manufacturer's specified maximum shipping and storage ambient temperature; and
b) 70°C (158 °F).

2 - The test temperature, T_3, shall be at most the lower of the following:
a) Manufacturer's specified minimum shipping and storage ambient temperature; and
b) - 30°C (-22 °F).

21.1 A solid-state overcurrent protector shall be rated as follows:

a) Voltage range (DC, AC, or both);

b) Maximum continuous current;

c) Protective current;

d) Operating ambient temperature range; and

e) ~~Volt-Amperes (optional).~~ Shipping and storage ambient temperatures range; and

f) Volt-Amperes (optional).

22.3 Ratings, including voltage range, maximum continuous current, protective current, operating temperature range, shipping and storage ambient temperature range, and output power (if applicable) shall be provided on the manufacturer's device specific datasheet. The datasheet may be web-based provided it is publicly accessible on the internet.

5. Sample verification after the Long-Term Abnormal Test

PROPOSAL

18.1 After subjecting the device to the test procedures in 18.2, the device shall perform its intended function as specified in 18.3. The output current shall not display any significant ~~change~~ increase and there shall be no manifestation of a fire hazard as determined by the indicator described in 18.2.

18.3 Following the Long-Term Abnormal Test, the Calibration Test in Section 11 shall be repeated.