

CONTENTS

American National Standards

Project Initiation Notification System (PINS)	2
Call for Comment on Standards Proposals	13
Final Actions - (Approved ANS)	31
Call for Members (ANS Consensus Bodies)	33
American National Standards (ANS) Process	39
Accreditation Announcements (Standards Developers)	40
ANS Under Continuous Maintenance	41
ANSI-Accredited Standards Developer Contacts	42

International Standards

ISO and IEC Draft Standards	45
ISO and IEC Newly Published Standards	49
International Electrotechnical Commission (IEC)	51
International Organization for Standardization (ISO)	52

Information Concerning

Registration of Organization Names in the United States	57
Proposed Foreign Government Regulations	58

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 this [Public Document Library link](#) 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.

ANS (American Nuclear Society)

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

Revision

BSR/ANS 2.3-202x, Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites (revision of ANSI/ANS 2.3-2011 (R2026))

Stakeholders: National and international owners of nuclear facilities including nuclear power plants, and other high-risk and critical facilities, Department of Energy reactor and non-reactor nuclear facility operators, regulators, government organizations and their contractors, designers, and support analysis subcontractors.

Project Need: This project needs to review and revise the existing standard to include new information that has become available since the previous major revision to the standard. In particular, the comprehensive 6-year NIST/ASCE tornado study that was completed in 2021.

Interest Categories: Government Agency, National Laboratory/Government Facility, Owner, Consultant, Individual, Architect-Engineer, University

This standard establishes guidelines to estimate the frequency of occurrence and the magnitude of parameters associated with rare extreme meteorological wind events such as tornadoes, hurricanes, derechos, and straight-line winds at nuclear facility sites within the continental United States. This standard does not address the forces on structures that result from these physical phenomena but does account for extreme-wind generated missiles on structures.

ASI (ABAA Standards Institute, Inc.)

Laverne Dalglish <ldalglish@airbarrier.org> | 1600 Boston Providence Hwy | Walpole, MA 02081 <https://www.airbarrier.org>

New Standard

BSR/ASI 0011-T-202x, Determining the Wall Energy Rating - Test Method (new standard)

Stakeholders: consumers, building owners, design professionals, contractors, energy modelers,

Project Need: The R-Value of a material does not equal the R-Value of a wall assembly, and the R-Value of a wall assembly does not reflect its true performance, as it does not account for energy loss due to air leakage. A Wall Energy Rating (WER) provides a single number for comparing walls based on both overall thermal transmittance and air leakage rate.

Interest Categories: producers specifiers users general interest

A research project was done to determine the energy efficiency of a wall assembly based on thermal transmittance and air leakage. The basis was to produce something similar to a window rating system. The document will translate the technical data from the research project into a test method that produces a Wall Energy Rating value.

ASI (ABAA Standards Institute, Inc.)

Laverne Dalglish <ldalglish@airbarrier.org> | 1600 Boston Providence Hwy | Walpole, MA 02081 <https://www.airbarrier.org>

New Standard

BSR/ASI 0012-T-202x, Air and Water-Resistive Barrier Material - Medium Density Closed-Cell Rigid Spray Foam - Inspection and Test Method (new standard)

Stakeholders: contractors installers inspectors/auditors quality assurance personnel commissioning agents

Project Need: Spray foam is site-manufactured and needs a quality assurance program that includes on-site inspection and testing. This document includes the appropriate site test methods for this specific type of spray foam.

Interest Categories: producers users specifiers

The document includes site inspection requirements and site test methods to determine density, adhesion, and inspection process for off-ratio foam, overheating of installed foam, along with surface characteristics,

ASTM (ASTM International)

Meredith Klein <accreditation@astm.org> | 100 Barr Harbor Drive, PO Box C700 | West Conshohocken, PA 19428-2959 www.astm.org

New Standard

BSR/ASTM WK100058-202x, New Practice for Measurement Uncertainty Estimation in the Context of Seized Drug Analysis (new standard)

Stakeholders: Seized Drugs Industry

Project Need: ASTM E2764, Standard Practice for Uncertainty Assessment in the Context of Seized-Drug, expired in 2020. This new standard provides minimum criteria for the estimation of uncertainty for quantitative measurements and incorporates elements from E2764, as it relates to measurements in drug analysis.

Interest Categories: Producer, User, General Interest, Unclassified

Rationale: In forensic science, it is critical to assess/estimate the uncertainty associated with measurements and disclose the existing limitations regarding these measurements. Forensic laboratories oversee and achieve compliance for measurement uncertainty through training, established operating procedures, and documentation.

AWS (American Welding Society)

Brenda Boddiger <bboddiger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS B5.31-202x, Specification for the Qualification of B31 Owners Inspectors (revision of ANSI/AWS B5.31-2026)

Stakeholders: Owners of facilities that utilize piping systems It is estimated there are at least 50,000 individuals who claim they ensure that all installed piping systems meet the requirements in the ASME B31 Codes, though there is no formally recognized qualification for this function.

Project Need: Owners of facilities that utilize piping systems have an obligation to ensure that all installed piping systems meet the requirements in the ASME B31 Codes. The B31 Codes specify that this obligation is met through the services of an Owner's Inspector. However, the exact tasks, duties, and qualifications of Owner's Inspectors are poorly defined. Several ASME B31 piping codes (B31.1, B31.3, B31.5, B31.9, B31.12) have responsibilities for Owner's Inspector. Many owners are unaware of this responsibility and turn this function over to the fabricator, which does not follow the intent of the ASME code. The Owner's Inspector must be employed by, or represent, the owner. ASME has no interest in having this qualification under their Conformity Assessment Program. Hence, there's a gap in industry for a qualified Owner's Inspector.

Interest Categories: General Interest, Educator, User, Producer

This standard describes the requirements for qualification as an Owner's Inspector as described in the ASME B31 Codes. The requirements include education, experience, and written examinations. This standard also covers the job functions a qualified Owner's Inspector should be able to perform.

AWS (American Welding Society)

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

Revision

BSR/AWS D14.9/D14.9M-202x, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2026)

Stakeholders: Manufacturers of equipment and machinery with hydraulic cylinder components.

Project Need: Updating for new practices for suppliers of hydraulic cylinder components.

Interest Categories: User, Educator, Producer, General Interest

This specification provides standards for the design and manufacture of pressure containing welded joints and structural welded joints used in the manufacture of hydraulic cylinders. Manufacturer's responsibilities are presented as they relate to the welding practices that have been proven successful within the industry in the production of hydraulic cylinders. Included are clauses defining procedure qualification, performance qualification, workmanship and quality requirements as well as inspection requirements and repair requirements.

AWS (American Welding Society)

Jennifer Rosario <jjrosario@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS D15.3/D15.3M-202x, Specification for Resistance Welding for Railroad Applications (revision of ANSI/AWS D15.3/D15.3M-2026)

Stakeholders: Welders, engineers, CWIs, railroad industry, and government

Project Need: Railroad industry needs a specification that provides the requirements for the resistance welding of railcars, locomotives, and their components.

Interest Categories: Educator, general interest, producer, user

This specification provides the general resistance welding requirements for railcars, locomotives, and their components. It includes, but is not limited to, resistance spot and resistance seam welding of aluminum and iron-based alloys. There are requirements for machine qualification, welding schedule certification, production witness samples, and inspection and acceptance criteria.

EASA (Electrical Apparatus Service Association)

Mike Howell <mhowell@easa.com> | 1331 Baur Road | St. Louis, MO 63132

Revision

BSR/EASA AR100-202x, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2025)

Stakeholders: Electrical apparatus service centers and end users.

Project Need: EASA and ANSI procedures require periodic reaffirmation or revision of standards.

Interest Categories: Producer, User, General Interest

This document describes recordkeeping, tests, analysis, and general guidelines for the repair of rotating electrical apparatus, including generators and motors.

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-41E-202x, Cable Flexing Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-41E-2010 (R2021))

Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current ANS

Interest Categories: User, Producer, General Interest

This standard establishes a method to determine the effectiveness of round jacketed cable to connector strain relief seal, or flat cable to connector strain relief seal or interface to withstand strain under repeated alternating cable-flexing stresses as experienced in use with molded or mechanical backshell cable strain-relief designs commonly used with electrical connectors.

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-70E-202x, Temperature Rise Versus Current Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-70D-2021)

Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current ANS

Interest Categories: User, Producer, General Interest

This procedure establishes the test procedures for determining temperature rise versus current for connectors and sockets with conductor sizes equal to or less than 0000 AWG or equivalent.

IAPMO (International Association of Plumbing & Mechanical Officials)

Hugo Aguilar <hugo.aguilar@iapmo.org> | 4755 East Philadelphia Street | Ontario, CA 91761-2816 www.iapmo.org

Revision

BSR/IAPMO/UMC 1-2030-202x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2027)

Stakeholders: Manufacturers, users, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers, and special experts.

Project Need: Designation of the UMC as an ANS has provided the built industry with uniform mechanical standards resulting in a reduction in training costs, product development costs, and in price reduction for consumers. This ANS provides consumers with safe mechanical systems while allowing latitude for innovation and new technologies. This project is intended to keep the code current.

Interest Categories: Manufacturer, User, Installer/Maintainer, Labor, Research/Standards/Testing Laboratory, Enforcing Authority, Consumer, Special Expert

This code provides minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators and other miscellaneous heat producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of mechanical systems.

IAPMO (International Association of Plumbing & Mechanical Officials)

Hugo Aguilar <hugo.aguilar@iapmo.org> | 4755 East Philadelphia Street | Ontario, CA 91761-2816 www.iapmo.org

Revision

BSR/IAPMO/UPC 1-2030-202x, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2027)

Stakeholders: Manufacturers, users, installers and maintainers, labor, research/standards/testing laboratories, enforcing authorities, consumers, and special experts.

Project Need: Designation of the UPC as an ANS has provided the built industry with uniform plumbing standards resulting in a reduction in training costs, product development costs, and in a price reduction for consumers. This ANS provides consumers with safe and sanitary plumbing systems while allowing latitude for innovation and new technologies. This project is intended to keep the code current.

Interest Categories: Manufacturer, User, Installer/Maintainer, Labor, Research/Standards/Testing Laboratory, Enforcing Authority, Consumer, Special Expert

This code provides minimum standards and requirements to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, addition to, use or maintenance of plumbing systems.

IENT (Institute of Environmental Sciences and Technology)

Kimberly Conradi <kconradi@ient.org> | 1827 Walden Office Square, Suite 400 | Schaumburg, IL 60173 www.ient.org

National Adoption

BSR/IENT 14644-3-202x, Cleanrooms and associated controlled environments - Part 3: Test Methods (identical national adoption of ISO 14644-3 2019)

Stakeholders: Anyone involved in the cleanroom industry including manufacturers and users.

Project Need: To provide a common basis of measurement and evaluation of cleanrooms and, at the same time, not to prevent the introduction of new technologies. The latter is the reason that the part of this Standard related to instrumentation is Informative.

Interest Categories: User, Producer, Government, General

This part of ISO 14644 specifies test methods for designated classification of airborne particulate cleanliness and for characterizing the performance of cleanrooms and clean zones. Performance tests are specified for two types of cleanrooms and clean zones: those with unidirectional flow and those with non-unidirectional flow, in three possible occupancy states: as-built, at-rest and operational. The test methods recommend test apparatus and test procedures for determining performance parameters. Where the test method is affected by the type of cleanroom or clean zone, alternative procedures are suggested. For some of the tests, several different methods and apparatus are recommended to accommodate different end-use considerations. Alternative methods not included in this part of ISO 14644 may be used if based on agreement between customer and supplier. Alternative methods do not necessarily provide equivalent measurements. This part of ISO 14644 is not applicable to the measurement of products or of processes in cleanrooms or separative devices.

ISA (ASC Z133) (International Society of Arboriculture)

Jamie Vidich <jvidich@isa-arbor.com> | 270 Peachtree Street NW, Suite 1900 | Atlanta, GA 30303 www.isa-arbor.com

Revision

BSR Z133-202x, Safety and Health Requirements for Arboricultural Operations (revision of ANSI Z133-2026)

Stakeholders: Arborists and other workers engaged in arboricultural operations; employers or persons engaged in the business, trade, or performance of arboriculture for pay, operations of which include, but are not limited to, pruning, repairing, or maintaining trees; removing trees; cutting brush; and performing pest or soil management related to tree care. Other stakeholders include contractors of those services; manufacturers and suppliers of equipment used in those services; and federal, state, and local government officials, policymakers, or regulators.

Project Need: To conduct review of the existing standard in order to revise it if needed based on the consensus of the Z133 Committee. Such revisions may include responding to new developments in arboricultural practices and technologies, addressing opportunities for improving safety outcomes, and correcting errors.

Interest Categories: Line Clearance, Commercial/Residential Tree Care, Manufacturer/Supplier, Labor, Government Agency, General Interest, Nonvoting Liaison

This standard contains arboriculture safety and health requirements and recommendations for pruning, repairing, maintaining, and removing trees; cutting brush; and for using equipment in such operations.

PHTA (Pool and Hot Tub Alliance)

Blake Pavlik <bpavlik@phta.org> | 1650 King Street, Suite 602 | Alexandria, VA 22314 www.PHTA.org

Revision

BSR/PHTA/ICC-10-202x, Standard for Elevated Pools, Spas and Other Aquatic Venues Integrated into a Building or Structure (revision of ANSI/PHTA/ICC-10-2021)

Stakeholders: Designers, builders, fabricators, manufacturers, installers, service companies, general contractors, plumbers, electricians, engineers, architects, crane and rigging companies, aquatic venue operators, retail businesses providing goods and services for swimming pools, spas and aquatic venues; regulatory bodies; building code officials; health code officials; and consumers.

Project Need: This revision is intended to update recommended minimum guidelines for the design, construction, installation, operations, and maintenance of elevated pools, spas, and other aquatic venues constructed from various materials; and to meet the need for incorporation into national or regional health codes, and for the adoption by state and/or local municipalities as a local code or ordinance.

Interest Categories: Producer, User-Government, User-Consumer, General Interest

This standard covers the construction, alteration, movement, renovation, replacement, repair, and maintenance of elevated swimming pools, spas, and other aquatic venues that are permanently installed and intended for swimming, bathing, or wading, including those over occupied/conditioned space; or installed over occupiable space; or installed over unoccupied/nonconditioned spaces; or installed in an above-grade with no occupied, occupiable, or unoccupied space below.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 136-1-202x, Layer 2 Virtual Private Networks for IP Cable Modem Systems (revision of ANSI/SCTE 136-1-2019)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, and General Interest

This standard describes requirements on both CMTSs and CMs in order to implement a DOCSIS Layer-2 Virtual Private Network (DOCSIS L2VPN) feature. The L2VPN feature allows cable operators to offer a Layer 2 Transparent LAN Service (TLS) to commercial enterprises, which is one of the principal goals of the Business Services over DOCSIS (BSoD) initiative.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 136-2-202x, Cable Modem TDM Emulation Interface Standard (revision of ANSI/SCTE 136-2-2019)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, General Interest

TDM Emulation service (TDM-E) is a method for cable operators to deliver T1, E1 and NxDS0 emulation services that meet or exceed the quality requirement of applications that use such services. This standard is part of the Cable Modem family of standards and in particular, defines the TDM-E architecture and components.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 166-202x, Flexure Method for Drop Cable Conditioning (revision of ANSI/SCTE 166-2020)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, and General Interest

This test procedure provides a method of flex fatigue for accelerating the degradation of coaxial drop cable in the laboratory environment. The degradation observed, as measured by various performance criteria (shield effectiveness, DC resistance, etc.), is not intended to predict life expectancy of the cable under test (CUT). The test data obtained is for relative comparison purposes only.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 186-202x, Product Physical, Environmental, Electrical, Sustainability, and Quality Requirements for Cable Telecommunications (revision of ANSI/SCTE 186-2021)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, and General Interest

This specification defines product physical, environmental, electrical, and sustainability requirements during transportation, storage, operation, and disposal. The specification is limited to indoor shelf, frame, rack, and cabinet level mission critical cable systems equipment. Facilities for which this specification generally applies are network data centers and cable headends. This specification also applies to unmanned or remotely monitored distribution hubs where hub location, construction, and HVAC capabilities can result in less tightly controlled ambient operating climates and longer duration environmental stresses. The specification does not address requirements for outside cable plant equipment. Example equipment includes CMTSSs, receivers, modulators, video encoders, multimedia gateways, servers, routers, switches, network equipment, network storage units, edge routers, add-drop multiplexors and edge QAMs. Uninterruptable Power Supplies are not in scope for this document.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 260-1-202x, DPoE Architecture Specification (revision of ANSI/SCTE 260-1-2020)

Stakeholders: Cable Telecommunication Industry

Project Need: Update to current technology

Interest Categories: User, Producer, and General Interest

This specification describes the version 2.0 architecture for DPoE Networks. Existing business services include one or more DOCSIS IP services, baseband and broadband Ethernet services over coaxial cable, IP and Ethernet over fiber with baseband and broadband (Course Wavelength Division Multiplexing (CWDM) and Dense Wavelength Division Multiplexing (DWDM)), Broadband Passive Optical Network (BPON), Ethernet Passive Optical Network (EPON), and wireless services. The majority of business services (and all residential Internet and voice) customers are supported by the DOCSIS systems and processes. The maturity of both the technology and the back office systems and processes allows for a high degree of scaling as evidenced by the growth of IP(HSD) (residential broadband) and more recently voice service, using these existing processes and systems. This version of the document specifies requirements for these services only: • MEF E-Line, E-LAN, and E-Tree services • IP(HSD) Internet Service as defined by DOCSIS 3.0. An operator can offer IP-based services over the Metro Ethernet service platform by treating IP as an application over the DPoE Network. Other services can be operated "over-the-top" of the above services, but the provisioning, operations, and other requirements for such services are not specified in this version of DPoE specifications.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 260-2-202x, DPoE IP Network Element Requirements (revision of ANSI/SCTE 260-2-2020)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, and General Interest

As the name suggests, the scope for this document is the MAC and upper layer protocols for DPoE Networks. The MAC in DPoE Networks is EPON. This specification does not place any additional requirements on the EPON MAC beyond the [802.3] specifications for EPON. The first set of requirements is for the support of DOCSIS-based Operations Administration Maintenance and Provisioning (OAMP) for the MAC and upper layer protocols as specified in [MULPIv3.0]. The second set of requirements is in addition to the above functionality traffic classification (as provisioned) and traffic forwarding (as both provisioned and according to the requirements set forth in this specification). The primary additions to the DOCSIS specifications are the requirements and accompanying specifications for Metro Ethernet services as described in [DPoE-MEFv2.0].

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 260-3-202x, DPoE Metro Ethernet Forum Specification (revision of ANSI/SCTE 260-3-2020)

Stakeholders: Cable Telecommunications Industry

Project Need: Update current technology

Interest Categories: User, Producer, and General Interest

This document describes the DPoE Network version 2.0 provisioning and operations requirement to support Metro Ethernet Services in DPoE Networks, which use EPON as defined in [802.3]. This document describes the provisioning of MEF E-Line (EPL and EVPL), E-LAN (EP-LAN and EVP-LAN), and E-Tree (EP-Tree and EVP-Tree) service in the DPoE Network. While Section 5 of this document provides Metro Ethernet service overview and theory of operation in the DPoE Network, the other sections, as listed below, provide the requirements for the DPoE Network elements to support these services. This document contains the following normative sections: • Section 6 describes Metro Ethernet service requirements for the DPoE Network Elements. • Section 7 describes performance and fault management requirements. • Annex A describes new TLVs. • Annex B provides a summary of TLVs to support service attributes for MEF E-Line, E-LAN, and E-Tree services within a single operator's network

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 260-4-202x, DPoE MAC and Upper Layer Protocols Interface Specification (revision of ANSI/SCTE 260-4-2020)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, General Interest

As the name suggests, the scope for this document is the MAC and upper layer protocols for DPoE Networks. The MAC in DPoE Networks is EPON. This specification does not place any additional requirements on the EPON MAC beyond the [802.3] specifications for EPON. The first set of requirements is for the support of DOCSIS-based Operations Administration Maintenance and Provisioning (OAMP) for the MAC and upper layer protocols as specified in [MULPIv3.0]. The second set of requirements is in addition to the above functionality traffic classification (as provisioned) and traffic forwarding (as both provisioned and according to the requirements set forth in this specification). The primary addition to the DOCSIS specifications are the requirements and accompanying specifications for Metro Ethernet services as described in [DPoE-MEFv2.0].

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 260-6-202x, DPoE Operations and Support System Interface Specification (revision of ANSI/SCTE 260-6-2020)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, and General Interest

This specification identifies requirements for the adaptation or additions to DOCSIS specifications that are required to support DPoE Networks related to the Operations Support System functional area. This specification also:

- Provides interoperability with existing DOCSIS-based back-end provisioning and management systems for EPON-based devices;
- Re-uses and extends the existing DOCSIS L2VPN specification [L2VPN] to support DPoE-based Metro Ethernet Forum (MEF) services;
- Specifies interoperable implementations for various DPoE vendors;
- Supports IPDR functionality for DPoE Networks, including enhancements to the existing DOCSIS 3.0 object model to instrument features and capabilities specific to DPoE Networks;
- Supports IPv4 and IPv6 for DPoE Networks substantively the same as DOCSIS 3.0;
- Extends the object model defined in the DOCSIS 3.0 SNMP Management Information Bases (MIBs) to address new capabilities introduced by DPoE specifications.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 260-7-202x, DPoE Physical Layer Specification (revision of ANSI/SCTE 260-7-2020)

Stakeholders: Cable Telecommunications Industry

Project Need: Update current technology

Interest Categories: User, Producer, and General Interest

This specification identifies requirements for the EPON PHY for the adaptation or additions to DOCSIS specifications that are required to support DOCSIS Provisioning of EPON. This specification:

- Specifies interoperable implementations for various DPoE vendors; and
- Specifies additional requirements for EPON PHY layer as used in cable networks which are outside the scope of [802.3] specifications.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 260-8-202x, DPoE Security and Certification Specification (revision of ANSI/SCTE 260-8-2020)

Stakeholders: Cable Telecommunications Industry

Project Need: Update current technology

Interest Categories: User, Producer, and General Interest

This specification identifies recommendations for the adaptation or additions to DOCSIS specifications that are required to support DOCSIS Provisioning of EPON (DPoE). Security services may be divided into the following major areas: • Subscriber data privacy, includes device authentication and key exchanges to verify that the device (and accompanying certificates) can insure data path encryption for subscriber data. • Service provider network security. • Device software and configuration, including measures used to verify the integrity of the devices, • software on them, and their configurations. Without device security, the other forms of security could be compromised. In this document, the term “subscriber” is used synonymously with “customer”.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: August 30, 2026

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

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

Addenda

BSR/ASHRAE Addendum ag to 189.1-202x, 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 ISC is in response to comments from SSPC members raising concerns that the language of Exception 3 to Section 8.8 was not clear and could potentially be interpreted to not except buildings with closed floors above an open floor in contact with the ground.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: <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 | hamagande@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum ah to 189.1-202x, 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)

Addendum ah amends Section 9.5 with the removal of the Reduced Impact Materials section and the introduction of two new compliance pathways: Lower Global Warming Potential (GWP) Product Procurement, and Existing Building Reuse. The existing Life-Cycle Assessment (LCA) remains unchanged. Projects must choose to comply with one of these three options. Changes are as follows: (1) clarifies the point at which project teams shall assess product cost; (2) deletes duplicative phrasing; and (3) clarifies that documentation submitted under 9.5.1 shall comply with section 9.4.2.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

Comment Deadline: August 30, 2026

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

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

Addenda

BSR/ASHRAE Addendum ai to 189.1-202x, 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 first public review draft of this addendum added a definition of smart controller and modifies Section 6.3.1.3, Irrigation System Controls, to incorporate that definition. The first publication public review had one comment which was to change the defined term to smart irrigation controller. This second public review makes that change in the definition and in 6.3.1.3.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: <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 | hamagande@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum am to 189.1-202x, 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 reference standards for soil gas measurement and mitigation have been updated. The two radon measurement standards (MAMF and MALB) were formally consolidated into a single standard MA-MFLB. The two mitigation standards (RMS-MF and RMS-LB) have been consolidated into a single publication SGM-MFLB. This addendum modifies Sections 10.8 and 10.10.4, and the references in Chapter 11, to reflect these changes.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: <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 | hamagande@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum an to 189.1-202x, 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 simplifies the whole building life cycle assessment (WBLCA) path within the standard. It provides several options to allow jurisdictions to choose the level of stringency of the WBLCA. An additional jurisdictional option is provided to remove reporting of certain impact categories. It adds clarification to supplement presented in ASTM E2921. It aligns ASHRAE 189.1 and LEED v5.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

Comment Deadline: August 30, 2026

FM (FM Approvals)

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

Revision

BSR/FM 3265-202x, Spark Detection and Extinguishing Systems (revision of ANSI/FM 3265-2017)

This standard provides minimum guidelines for the detection of sparks or embers within a pre-determined area and the extinguishment via application of a pre-determined amount of water spray within the duct or conveyor. In essence, a detection area or zone is monitored and a short duration extinguishing spray is applied that is intended to minimize damage to the process and production downtime associated with the fire hazard. The system is intended as a process protection system and not a building evacuation system, although it could be tied to one.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: josephine.mahnken@fmaprovals.com

NSF (NSF International)

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

Revision

BSR/NSF 140-202x (i38r2), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2025)

The purpose of this standard is to provide a market-based definition for a path to sustainable carpet, to establish performance requirements for public health and environment, and to address the triple bottom line — economic-environmental-social — throughout the supply chain.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | celine.eid@ul.org, <https://ulse.org/>

Revision

BSR/UL 5-202x, Standard for Safety for Surface Metal Raceways and Fittings (revision of ANSI/UL 5-2022)

Retire the Chromic Acid Drip Test Replace with X-Ray Method ASTM B568

[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 Area <https://csds.ul.com/ProposalAvailable>

ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Evanston, IL 60201 | Vanessa.Johanneson@ul.org, <https://ulse.org/>

Revision

BSR/UL 1004-10-202x, Standard for Pool Pump Motors (revision of ANSI/UL 1004-10-2022)

Energy conservation standards in 10 CFR, Part 431.485, Subpart Z, Dedicated-Purpose Pool Pump Motors include the small-size ($0.5 \leq \text{THP} < 1.15$) equipment class with a compliance date of September 28, 2027. UL 1004-10 clause 5.1 applies to motors greater than or equal to 1.15 THP. UL 1004-10 therefore needs to be updated to include the small-size equipment class.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area <https://csds.ul.com/home/proposalsdefault.aspx>

Comment Deadline: August 30, 2026

ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Evanston, IL 60201 | grace.kho@ul.org, <https://ulse.org/>

Revision

BSR/UL 2040-202x, Standard for Safety for Folding Rollaway Tables (revision of ANSI/UL 2040-2015 (R2025))
This revision will remove references of ASTM E162, The Standard for Surface Flammability of Materials Using a Radiant Heat Energy Source, from UL 2040.

[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 Area: <https://csds.ul.com/ProposalAvailable>.

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 121201-202x, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/UL 121201-2021 (R2025))

The following changes in requirements are being proposed for your review: 1) Revision to add text from UL 60079-0 to Section 18.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/ProposalAvailable>

Comment Deadline: September 14, 2026

ADA (American Dental Association)

401 N. Michigan Avenue, Suite 3300, Chicago, IL 60611 | swickm@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 108-202x, Dentistry - Amalgam Separators (national adoption of ISO 11143:2008 with modifications and revision of ANSI/ADA Standard No. 108-2009)

This document specifies requirements and test methods for amalgam separators used in connection with dental equipment in the dental treatment center. It specifies the efficiency of the amalgam separators in terms of the level of retention of amalgam based on a laboratory test and the test procedure for determining this efficiency. It also includes requirements for the safe functioning of the amalgam separator, for marking, and for instructions for use, operation and maintenance.

All tests described in this standard are type tests.

Single copy price: Free

Obtain an electronic copy from: Standards@ada.org

Send comments (copy psa@ansi.org) to: Standards@ada.org

Comment Deadline: September 14, 2026

ADA (American Dental Association)

401 N. Michigan Avenue, Suite 3300, Chicago, IL 60611 | swickm@ada.org, www.ada.org

New Standard

BSR/ADA Standard No. 1088-202x, Dentistry - Human Identification by Comparative Dental Analysis (new standard)

This document specifies the requirements for identifying an individual by comparative dental analysis.

It is beyond the scope of this document to include specific procedural methods or techniques.

Single copy price: Free

Obtain an electronic copy from: Standards@ada.org

Send comments (copy psa@ansi.org) to: Standards@ada.org

ADA (American Dental Association)

401 N. Michigan Avenue, Suite 3300, Chicago, IL 60611 | swickm@ada.org, www.ada.org

New Standard

BSR/ADA Standard No. 1120-4-202x, Dentistry - Data Content Standard: Part 4: Dental Explanation of Benefits (new standard)

This document identifies the necessary data content to be communicated between providers across all practice settings and payers of all types to ensure transparent exchange of adjudicated claim details at the procedure level of service. It specifies the required elements for generating a comprehensive dental Explanation of Benefits (EOB), Explanation of Payment (EOP), Remittance Advice (RA), or equivalent adjudication communication, regardless of delivery method, including electronic transactions, online portals, and paper-based communications. For the purposes of this standard, an EOB is considered equivalent to an Explanation of Payment (EOP).

Single copy price: Free

Obtain an electronic copy from: Standards@ada.org

Send comments (copy psa@ansi.org) to: Standards@ada.org

ADA (American Dental Association)

401 N. Michigan Avenue, Suite 3300, Chicago, IL 60611 | swickm@ada.org, www.ada.org

New Standard

BSR/ADA Standard No. 1120-5-202x, Dentistry - Data Content Standard - Part 5: Prior Authorization and Predetermination (new standard)

This document outlines the implementation of a uniform approach for electronic predetermination and prior authorization of dental care services utilizing the X12 5010 TR3, 8010 TR3, 8030 TR3, 8060 TR3 Prior Authorization (278) formats (hereafter referred to as X12 278 TR3), and the HL7® FHIR® R4 DaVinci Prior Authorization Implementation Guide (IG). This document encompasses the recommended administrative transactions, referenced system interface specifications, CAQH data content, and core operating rules for the pre-dental care delivery administrative workflow between the patient, provider, and payer.

Single copy price: Free

Obtain an electronic copy from: Standards@ada.org

Send comments (copy psa@ansi.org) to: Standards@ada.org

Comment Deadline: September 14, 2026

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

Reaffirmation

BSR/API RP 10B-5, first edition (R202x), Recommended Practice on Determination of Shrinkage and Expansion of Well Cement Formulations at Atmospheric Pressure (reaffirm a national adoption ANSI/API RP 10B-5/ISO 10426-5-2010 (R2020))

This part of ISO 10426 provides the methods for the testing of well cement formulations to determine the dimension changes during the curing process (cement hydration) at atmospheric pressure only. This is a base document, because under real well cementing conditions shrinkage and expansion take place under pressure and different boundary conditions.

Single copy price: \$110.00

Obtain an electronic copy from: <https://www.apiwebstore.org/>

Send comments (copy psa@ansi.org) to: Diana Escudero <EscuderoD@api.org>

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

Reaffirmation

BSR/API RP 10B-6, first edition (R202x), Recommended Practice on Determining the Static Gel Strength of Cement Formulations (reaffirm a national adoption ANSI/API RP 10B-6/ISO 10426-6-2010 (R2019))

This part of ISO 10426 specifies requirements and provides test methods for the determination of static gel strength (SGS) of cement slurries and related materials under simulated well conditions.

Single copy price: \$6.00

Obtain an electronic copy from: <https://www.apiwebstore.org/>

Send comments (copy psa@ansi.org) to: Diana Escudero <EscuderoD@api.org>

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

Reaffirmation

BSR/API RP 13M-4, first edition (R202x), Recommended Practice for Measuring Stimulation and Gravel-pack Fluid Leakoff Under Static Conditions (reaffirm a national adoption ANSI/API RP 13M-4/ISO 13503-4-2006 (R2020))

This part of ISO 13503 provides for consistent methodology to measure fluid loss of stimulation and gravel-pack fluid under static conditions. However, the procedure in this part of ISO 13503 excludes fluids that react with porous media.

Single copy price: \$4.00

Obtain an electronic copy from: https://www.apiwebstore.org

Send comments (copy psa@ansi.org) to: Diana Escudero <EscuderoD@api.org>

Comment Deadline: September 14, 2026

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

Reaffirmation

BSR/API RP 13M-6, first edition (R202x), Procedure for Measuring Leakoff of Completion Fluids Under Dynamic Conditions (reaffirm a national adoption ANSI/API RP 13M-6/ISO 13503-6-2020)

This standard provides consistent methodology for measuring the fluid loss of completion fluids under dynamic conditions. This standard is applicable to all completion fluids except those that react with porous media.

Single copy price: \$4.00

Obtain an electronic copy from: <https://www.apiwebstore.org>

Send comments (copy psa@ansi.org) to: Diana Escudero <EscuderoD@api.org>

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S390.7 (ISO 12934-2022) JAN2022 (R202x), Tractors and machinery for agriculture and forestry - Basic types - Vocabulary (reaffirm a national adoption ANSI/ASAE S390.7 (ISO 12934-2022) JAN2022)

This standard provides terms and definitions for agricultural field equipment designed primarily for use in agricultural operations for the production of food and fibre. This document also applies to agricultural tractors used in forestry applications. Purpose-built forestry machines, as defined by ISO 6814, are not included.

Single copy price: Free

Obtain an electronic copy from: stell@asabe.org

Send comments (copy psa@ansi.org) to: Carla VanGilder <stell@asabe.org>

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 195-2024R-202x, Method of Test for Rating Air Terminal Unit Controls (revision of ANSI/ASHRAE Standard 195-2024)

This revision of ANSI/ASHRAE Standard 195-2024 specifies instrumentation and facilities, test installation methods, and procedures for determining the accuracy and stability of airflow control systems for terminal units at various airflow setpoints. The revision also includes several modifications based on a detailed research project conducted by Taylor Engineers and PG&E in 2023/2024. These modifications are intended to both reduce the testing burden and to more accurately determine controller-only accuracy and stability.

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>

Comment Deadline: September 14, 2026

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6057-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 2: Message format: coding and definition of RDS features IEC 62106-2:2021 (identical national adoption of IEC 62106-2:2021)

IEC 62106-8:2021 defines the coding and definition of features for the Radio Data System (RDS). IEC 62106-8:2021 cancels and replaces the first edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 62106-2:2018: a) Subclause 4.2.4 has been added; b) Tables 1 and 13 have been modified; c) The new function RDS2 file transfer has been added and it is detailed in Annex C; this uses a CRC-16, which is specified in Annex D.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Send comments (copy psa@ansi.org) to: standards@cta.tech

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6058-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 6: Compilation of technical specifications for Open Data Applications in the public domain IEC 62106-6:2023 (identical national adoption of IEC 62106-6:2023)

IEC 62106-6:2023 contains the technical specifications for Open Data Applications in the public domain. This document is maintained by the RDS Forum Office. The RDS Forum Office applies an easy procedure for registering new Open Data Applications, to ensure that they can be used without the need to change the RDS standard. The ODA feature permits defining new applications that can be decoded on a receiver. The receiver needs to the adequate software handler for the specific AID, which identifies the application. Receivers that have not implemented the software handler needed for decoding are not affected by ODA data received for any of the applications already defined and specified. The procedure for registering a new ODA is described in IEC 62106-3. IEC 62106-6:2023 cancels and replaces the first edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Annex E: coding of station logo; b) Annex F: coding of slideshow; c) Annex G: coding of internet connection; d) Annex H: ODA tool – RDS data stream NFM.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Send comments (copy psa@ansi.org) to: standards@cta.tech

Comment Deadline: September 14, 2026

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6059-202x, Radio Data System (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 9: RBDS - RDS variant used in North America IEC 62106-9:2021 (identical national adoption of IEC 62106-9:2021)

IEC 62106-9:2021 specifies the Radio Broadcast Data System (RBDS), which is an RDS-compatible variant used in countries of North America. RBDS was first standardized by the U.S. National Radio Systems Committee (NRSC) in 1993 and subsequently revised in 1998, 2004, 2005 and 2011. With the publication of this edition of IEC 62106, the RDS and RBDS standards are now harmonized into a single document. The frequency range of operation (64,0 MHz to 108,0 MHz as indicated by the title of this document) varies according to regional regulatory authority. The U.S. range is 88 MHz to 108 MHz, as set by the U.S. Federal Communications Commission.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Send comments (copy psa@ansi.org) to: standards@cta.tech

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6060-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 10: UECP - Universal Encoder Communication Protocol IEC 62106-10:2021 (identical national adoption of IEC 62106-10:2021)

IEC 62106-10:2021(E) describes the Universal Encoder Communication Protocol – UECP. The UECP has as its primary objectives to satisfy the need for harmonized RDS encoder communication protocols and to facilitate the interworking of various RDS systems components, such as RDS servers, data bridges and encoders, regardless of the supplier. Furthermore, a harmonised network environment and encoder model is being maintained to facilitate the interchange of component parts of RDS network systems. These harmonized models and a universal layered protocol are specified, based on the ISO/OSI recommendation. The UECP encompasses all current RDS features including any new developments using the ODA protocol.

Single copy price: Free

Obtain an electronic copy from: \$0

Send comments (copy psa@ansi.org) to: standards@cta.tech

DASMA (Door and Access Systems Manufacturers Association)

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

New Standard

BSR/DASMA 103-202x, Standard for Counterbalance Systems on Residential Sectional Garage Doors (new standard)

This standard defines performance-based and prescriptive-based methods of compliance for sectional door counterbalance system components under tension.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Send comments (copy psa@ansi.org) to: Christopher Johnson <dasma@dasma.com>

Comment Deadline: September 14, 2026

DASMA (Door and Access Systems Manufacturers Association)

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

Revision

BSR/DASMA 105-202x, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors (revision of ANSI/DASMA 105-2017)

The purpose of this test method is to measure the thermal characteristics of sectional garage doors and rolling doors under steady state conditions. Specifically, the measurements and calculations made will yield the steady-state thermal transmittance (U) using a hot box apparatus and the air infiltration rate.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Send comments (copy psa@ansi.org) to: Christopher Johnson <dasma@dasma.com>

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-111A-2015 (R202x), Determining the Total Ionic Contamination Test Procedure for Electrical Connectors, Socket Assemblies, or Components (reaffirmation of ANSI/EIA 364-111A-2015 (R2020))

This standard establishes 2 methods for determining the total amount of extractable ionic contamination on the surface of an electrical connector or socket assembly or component.

Single copy price: \$85.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-1002A-2015 (R202x), Test Methodology for Assessing the Performance of Compliant Contact Terminations Used as Free Standing Contacts or in Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-1002A-2015 (R2020))

This standard establishes the test procedures and test sequences for evaluating compliant contact terminations. The test sequences defined herein shall be considered generic. Unless otherwise specified in the referencing document, this standard applies to the following types of contacts with compliant contact terminations.

Single copy price: \$85.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

Comment Deadline: September 14, 2026

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-104C-202x, Flammability Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-104B-2015 (R2020))

This standard establishes a test method to determine the connector's resistance to burning when exposed to a flame. Burning resistance is defined as the ability to not support or propagate combustion after an ignition source is removed. This test evaluates the time it takes for the flame of a burning connector to extinguish after removal of the applied flame, and the possibility of the spread of burning, as caused by burning droplets and after-glow. This test does not simulate any actual service application. It is intended to test a connector by itself in a condition that can readily be duplicated in any test laboratory.

Single copy price: \$79.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-116A-202x, Pin Contact Stability Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-116-2015 (R2020))

This test standard establishes a test method to determine the relative rigidity a connector insert provides a pin contact, by inserting a gauge pin into a contact cavity, and then measuring the total displacement of a reference point on the tip of the gauge pin when that gauge pin experiences a moment perpendicular to the mating axis.

Single copy price: \$79.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-121A-202x, Coupling Thread Strength Test Procedure for Electrical Connector Accessories (revision and redesignation of ANSI/EIA 364-121-2020)

This test procedure establishes a test method to evaluate the coupling thread strength of circular electrical connector accessories, which are intended to mate with the accessory threads of circular electrical connectors. When tested as specified, the coupling thread of the accessory shall withstand the torque specified in table 1 without damage.

Single copy price: \$78.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

Comment Deadline: September 14, 2026

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

Revision

BSR MH32.1-202x, Stairs, Ladders, and Open-Edge Guards for Use with Material Handling Structures (revision of ANSI/MH32.1-2018)

This standard provides load and dimensional guidance for fixed stairways, ladders, and guarding for elevated platforms used in material handling structures. The stairways and ladders are attached to structures such as industrial racking pick modules and decked-over platforms, industrial shelving pick modules and decked-over platforms, and free-standing work platforms. These structures are described in the ANSI MH16.X and ANSI MH28.X series of standards.

Single copy price: \$25.00

Obtain an electronic copy from: pdavison@mhi.org

Send comments (copy psa@ansi.org) to: Patrick Davison <pdavison@mhi.org>

NECA (National Electrical Contractors Association)

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

New Standard

BSR/NECA 701-202x, Standard for Energy Management, Demand Response, and Energy Solutions (new standard)

This Standard describes methods and procedures used for performing energy conservation surveys, controlling and managing energy consumption, implementing the smart grid and demand response, and developing, implementing and evaluating energy conservation measures for residential, commercial, and industrial applications. Water consumption and water conservation measures are typically incorporated into energy conservation surveys because water (and the treatment of wastewater) is considered a utility that is consumed and can be conserved. Consequently, this Standard includes a cursory discussion of domestic water, hot water, chilled water, and boiler systems as necessary aspects of energy and water conservation. This Standard does not cover equipment or system design, commissioning, or maintenance.

Single copy price: Members: \$30, Non-Members: \$60

Obtain an electronic copy from: Email neis@necanet.org

Send comments (copy psa@ansi.org) to: Email neis@necanet.org

NSF (NSF International)

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

Revision

BSR/NSF 419-202x (i13r2), Public Drinking Water Equipment Performance - Filtration (revision of ANSI/NSF 419-2024)

It is the purpose of this standard to establish minimum performance requirements for bag filters, cartridge filters, and microfiltration (MF) or ultrafiltration (UF) membranes used in the treatment and production of public drinking water.

Single copy price: Free

Obtain an electronic copy from: <https://standards.nsf.org/higherlogic/ws/public/download/84440/419i13r2%20-%20LRV%20and%20QCRV%20-%20JC%20memo%20%26%20ballot.pdf>

Send comments (copy psa@ansi.org) to: Megan Brooks-Planck <mbrookspla@nsf.org>

Comment Deadline: September 14, 2026

NSF (NSF International)

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

Revision

BSR/NSF 437-202x (i5r1), Glossary of Wastewater Technology Terminology (revision of ANSI/NSF 437-2023)

This standard establishes definitions for wastewater technologies and related components.

Single copy price: Free

Obtain an electronic copy from: <https://standards.nsf.org/higherlogic/ws/public/download/84471/437i5r1%20-%202026%20WWT%20Glossary%20Update%20-%20JC%20memo%20%26%20ballot.pdf>

Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

RESNET (Residential Energy Services Network, Inc.)

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

New Standard

BSR/RESNET/ICC 1550-202x, Standard for Quantifying, Verifying and Reporting the Embodied Carbon of Buildings with Dwelling and Sleeping Units (new standard)

This standard provides a consistent methodology for the calculation, verification and reporting of the embodied carbon of dwelling units and sleeping units in residential and commercial buildings and leverages the data and calculations required by standard ANSI/RESNET/ICC 301.

Single copy price: \$55.00

Obtain an electronic copy from: Go to the Draft PDS-01, RESNET/ICC 1550-202x comment page, under the “ANSI Standards and Amendments Out For Public Comment” link on webpage, <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>,

where the draft is posted for review and comment

Send comments (copy psa@ansi.org) to: RESNET using the online comment form for Draft PDS-01, RESNET/ICC 1550-202x, located under the link, “+ ANSI Standards & Amendments Out For Public Comment”, on webpage <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>.

TIA (Telecommunications Industry Association)

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

Reaffirmation

BSR/TIA 440-C-2017 (R202x), Fiber Optic Terminology (reaffirmation of ANSI/TIA 440-C-2017)

The purpose of this Standard is to define commonly used terms, symbols and abbreviations for fiber optic applications. The revision is required to update definitions, add new definitions, and correct errors. This project is to reaffirm the document. The entire document is open for comment.

Single copy price: \$212.00

Obtain an electronic copy from: standards-process@tiaonline.org

Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 14, 2026

ULSE (UL Standards and Engagement)

12 Laboratory Drive, RTP, NC 27709 | sean.mcalister@ul.org, <https://ulse.org/>

New Standard

BSR/UL 4601-202x, Standard for Safety for Evaluation of Autonomous Unmanned Aerial Systems (new standard)
The First Edition of the Standard for Safety for Autonomous Unmanned Aerial Systems is being proposed as a standard, UL 4601. 1.1 This Standard covers the safety principles and processes for evaluation of a safety assurance case for autonomous or highly automated aircraft, including components developed through artificial intelligence or machine learning (AI/ML). 1.2 This Standard applies to the safety of the whole aircraft and its occupants, addressing hazards created by the incorporation of autonomous or AI/ML-based components into the aircraft context. 1.3 This Standard is intended to be used as part of an overall safety management system for an aircraft producer. 1.4 The Standard uses the word “component” when referring to the subject of the safety assurance case, i.e., the assess system as defined by the system description, whether the whole aircraft or a sub-system. 1.5 This Standard may be used in conjunction with other standards as means of compliance, such as SAE ARP 4754B, Guidelines for Development of Civil Aircraft and Systems, and SAE ARP 4761A, Guidelines and Methods for Conducting the Safety Assessment Process on Civil Airborne Systems and Equipment. 1.6 This Standard does not cover maintenance procedures, non-aviation applications, or other risk aspects not explicitly addressed herein. These requirements do not cover other risk aspects of such equipment.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/ProposalAvailable>

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 98-202x, Standard for Safety for Enclosed and Dead-Front Switches (revision of ANSI/UL 98-2023)
Proposed new edition to UL 98, Standard for Enclosed and Dead-Front Switches, which includes the following: (1)
Proposed New Edition (15th Edition) for UL 98.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/ProposalAvailable>

ULSE (UL Standards and Engagement)

1603 Orrington Ave. Suite 2000, Evanston, IL 60201 | hannah.harrison@ul.org, <https://ulse.org/>

Revision

BSR/UL 498A-202x, Standard for Current Taps and Adapters (revision of ANSI/UL 498A-2021)
A proposed New Edition of UL 498A (Third Edition), Standard for Current Taps and Adapters.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/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: September 14, 2026

ULSE (UL Standards and Engagement)

1603 Orrington Ave. Suite 2000, Evanston, IL 60201 | hannah.harrison@ul.org, <https://ulse.org/>

Revision

BSR/UL 697-202x, Standard for Toy Transformers (revision of ANSI/UL 697-2012 (R2025))

A proposed New Edition of UL 697 (Eighth Edition), Standard for Toy Transformers.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/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>

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, ON K1P 1J9 | bahar.sammak@ul.org, <https://ulse.org/>

Revision

BSR/UL 752-202x, Standard for Bullet-Resisting Equipment (revision of ANSI/UL 752-2023)

These requirements cover materials, devices, and fixtures used to form bullet-resisting barriers which protect against robbery, holdup, or armed attack such as those by snipers. This standard can also be used to determine the bullet resistance of building components that do not fit the definition of equipment, such as windows, walls, or barriers made out of bullet resistant materials. This standard does not address personal protective equipment, such as body armor, helmets, and shields. As used in these requirements, the term "bullet-resisting" signifies that protection is provided against complete penetration, passage of fragments of projectiles, or spalling (fragmentation) of the protective material to the degree that injury would not be caused to a person standing directly behind the bullet-resisting barrier. These requirements also cover electrically-operated equipment, such as teller's fixtures using electrically-driven deal trays or package passers, and intercommunication or other electrical equipment that is an integral part of the bullet-resisting product. The term "product" as used in this standard refers to all bullet-resisting equipment or any part thereof covered by this standard unless specifically noted otherwise.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

Send comments (copy psa@ansi.org) to: <https://csds.ul.com/ProposalAvailable>.

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | Lisette.delgado@ul.org, <https://ulse.org/>

Revision

BSR/UL 12402-9-202x, Standard for Personal Flotation Devices - Part 9: Test Methods (revision of ANSI/UL 12402-9-2024)

Supports additional waist measurement parameters and instructs the testing laboratory to ensure subjects fit all specified measurements before being tested

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/ProposalAvailable>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/ProposalAvailable>.

Comment Deadline: September 29, 2026

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 C37.21-202x, Standard for Control Switchboards (new standard)

Ratings, construction, and testing of dead-front control 37 switchboards containing, but not limited to, devices such as switches, control devices, instrumentation, metering, monitoring, alarms, annunciators, protective and auxiliary relays, and regulating devices and accessories are covered in this standard. It includes, but is not specifically limited to, switchboards for the control and protection of apparatus used for or associated with power generation, conversion, transmission, and distribution. Types of switchboards may include control, vertical, dead-front, enclosed, dual, or duplex switchboards. Other construction types include control desks, consoles, benchboards, dual or duplex benchboards, fixed rack, cabinet, and swing rack cabinets. It does not apply to industrial controls, communication equipment, switchboards for use on board ships, or Class 1E switchboards for use in nuclear generating stations.

Single copy price: \$52.00

Obtain an electronic copy from: <https://ieeexplore.ieee.org/document/11433467>

Order from: <https://ieeexplore.ieee.org/>

Send comments (copy psa@ansi.org) to: Suzanne Merten <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

Revision

BSR/IEEE 1707-202x, Recommended Practice for the Investigation of Events at Nuclear Facilities (revision of ANSI/IEEE 1707-2015)

Common terminology and recommended practices for initiating and conducting, event investigations, analyzing data, producing results, and identifying corrective actions associated with facility personnel, processes, equipment, and systems at nuclear facilities are provided in this document. The scope of event investigation activities addressed includes, but is not limited to, root cause analysis, which is an in-depth investigation process used to identify primary causes of an event based on the systematic and consistent use of analysis tools. This recommended practice can be used for the investigation of all events and allows the use of a graduated approach to the depth of the investigation based upon the event significance.

Single copy price: \$55.00

Obtain an electronic copy from: <https://ieeexplore.ieee.org/document/11408383>

Order from: <https://ieeexplore.ieee.org/>

Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: September 29, 2026

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

New Standard

INCITS 561-202x, Information Technology - Serial Attached SCSI - 5 (SAS-5) (new standard)

Specifies the functional requirements for the Serial Attached SCSI (SAS) physical interconnect, which is compatible with the Serial ATA physical interconnect. The SAS Protocol Layer - 5 (SPL-5) standard documents the SAS protocol layer corresponding to the Serial Attached SCSI - 5 (SAS-5) standard, defining the rules for exchanging information between SCSI devices using a serial interconnect. Other SCSI transport protocol standards define the rules for exchanging information between SCSI devices using other interconnects.

Single copy price: Free

Obtain an electronic copy from: <https://standards.incits.org/higherlogic/ws/public/download/185032/eb-2026-00327-PR-Register-INCITS-561-202x-Cmts-due-09-29-2026.pdf/latest>

Order from: <https://standards.incits.org/higherlogic/ws/public/download/185032/eb-2026-00327-PR-Register-INCITS-561-202x-Cmts-due-09-29-2026.pdf/latest>

Send comments (copy psa@ansi.org) to: Barbara Bennett <comments@mail.standards.incits.org>

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | johnny.hall@ul.org, <https://ulse.org/>

New Standard

BSR/UL 58-202x, Standard for Steel Underground Tanks for Flammable and Combustible Liquids (new standard)

This proposed new edition is a bi-national harmonization of UL 58 (10th Edition) and ULC-S603 (4th Edition), aligning requirements for non-pressure, horizontal cylindrical steel underground tanks used to store flammable and combustible liquids in the United States and Canada, while incorporating necessary national differences. The document is based primarily on ULC-S603, with applicable UL 58 requirements integrated and differences resolved by adopting the more stringent provisions or applying national deviations where appropriate. The standard establishes minimum performance requirements for the design, construction, fabrication, inspection, and testing of primary and secondary containment tanks, including multi-compartment configurations and integral components. It excludes non-integral accessories, external corrosion protection systems, and installation or operational practices governed by other codes. Key updates include consolidation and refinement of tables to focus on construction and installation, removal of spherical and Type II tank provisions, and the introduction of an alternative compliance path for custom tank assemblies. This effort enhances safety, promotes cross-border consistency, and reduces barriers to innovation across both markets.

Order 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 Work Area: <https://csds.ul.com/ProposalAvailable>.

Comment Deadline: September 29, 2026

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 20000, Evanston, IL 60201 | Susan.P.Malohn@ul.org, <https://ulse.org/>

New Standard

BSR/UL 2201A-202x, Standard for Safety for Flammability Testing for Portable Generator Tents, Running Covers, and Assemblies (new standard)

1. The proposed first edition of the Standard for Safety for Flammability Testing for Portable Generator Tents, Running Covers, and Assemblies, UL 2201A, including applicable requirements for Canada. The Standard requirements cover generator tents, running covers, and assemblies used with portable generators during operation. The requirements are intended to ensure that materials used in these products meet flammability performance criteria to mitigate fire hazards.

Single copy price: Free

Order 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 Work Area: <https://csds.ul.org/ProposalAvailable>

Final Actions on American National Standards

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

ADA (American Dental Association)

401 N. Michigan Avenue, Suite 3300, Chicago, IL 60611 | swickm@ada.org, www.ada.org

ANSI/ADA Standard No. 206-2026, Dentistry - Implantable Materials for Bone Filling and Augmentation in Oral and Maxillofacial Surgery - Contents of a Technical File (national adoption of ISO 22794:2007 with modifications and revision of ANSI/ADA Standard No. 206-2024) Final Action Date: 7/27/2026 | *National Adoption*

ANSI/ADA Standard No. 47-2-2026, Dentistry - Stationary Dental Units and Dental Patient Chairs - Part 2: Air, Water, Suction and Wastewater Systems (national adoption of ISO 7494-2:2022 with modifications and revision of ANSI/ADA Standard No. 47-2-2021) Final Action Date: 7/27/2026 | *National Adoption*

ANSI/ADA Standard No. 1120-3-2026, Dentistry - Data Content Standard: Dental Plan Coverage Information (new standard) Final Action Date: 7/27/2026 | *New Standard*

ANSI/ADA Standard No. 216-2026, Dentistry - Endodontic Irrigants and Medicaments (new standard) Final Action Date: 7/27/2026 | *New Standard*

ANSI/ADA Standard No. 101.5-2021 (R2026), Dentistry - Endodontic instruments - Part 5: Shaping and Cleaning Instruments (reaffirm a national adoption ANSI/ADA Standard No. 28-2021) Final Action Date: 7/27/2026 | *Reaffirmation*

ANSI/ADA Standard No. 108-2009 (R2026), Dentistry - Amalgam Separators (reaffirm a national adoption ANSI/ADA Standard No. 108-2009) Final Action Date: 7/27/2026 | *Reaffirmation*

ANSI/ADA Standard No. 1084-2026, Dentistry - Reference Core Data Set for Communication among Dental and Other Health Information Systems (revision of ANSI/ADA Standard No. 1084-2019) Final Action Date: 7/27/2026 | *Revision*

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

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

ANSI/APCO 3.101.4-2026, Core Competencies and Minimum Training Standards for Public Safety Communications Training Officer (CTO) (revision and redesignation of ANSI/3.101.3-2017) Final Action Date: 7/27/2026 | *Revision*

ESTA (Entertainment Services and Technology Association)

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

ANSI/ES1.9-2026, Crowd Management (revision of ANSI ES1.9-2020) Final Action Date: 7/27/2026 | *Revision*

HI (Hydraulic Institute)

300 Interpace Parkway, Bldg A, 3rd Floor, Parsippany, NJ 07054 | esuarez@pumps.org, www.pumps.org

ANSI/HI 14.7-2026, Guideline for pump hydraulic performance field testing (new standard) Final Action Date: 7/23/2026 | *New Standard*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE N42.35-2026, Draft Standard for Evaluation Criteria and Performance Requirements of Radiation Portal Monitors for Use in Homeland Security (new standard) Final Action Date: 7/23/2026 | *New Standard*

IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

ANSI/IES LP-4-26 (R2026), Lighting Practice: Electric Light Sources - Properties, Selection, and Specification (reaffirmation of ANSI/IES LP-4-20) Final Action Date: 7/23/2026 | *Reaffirmation*

ANSI/IES LM-82-26, Approved Method: Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature (revision of ANSI/IES LM-82-20) Final Action Date: 7/23/2026 | *Revision*

ANSI/IES RP-41-26, Recommended Practice: Lighting Theaters and Liturgical Spaces (revision of ANSI/IES RP-41-20) Final Action Date: 7/23/2026 | *Revision*

NEMA (ASC C137) (National Electrical Manufacturers Association)

1812 N. Moore Suite 2200, Arlington, Virginia 22209 | Connor.Grubbs@nema.org, www.nema.org

ANSI/C137.13-2026, Standard for Lighting Systems Automated Fault Detection (AFD) for Networked Indoor Lighting Control Systems (new standard) Final Action Date: 7/23/2026 | *New Standard*

NENA (National Emergency Number Association)

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | crm@nena.org, www.nena.org

ANSI/NENA/APCO-STA-051.2-2026, NENA/APCO Minimum Training and Operational Standards for TTY/TDD Communications in Public Safety Answering Points (new standard) Final Action Date: 7/23/2026 | *New Standard*

ANSI/NENA/APCO-STA-050.3-2026, NENA/APCO Standard for Telecommunicator Emergency Response Taskforce (TERT) Deployment (revision of ANSI/APCO/NENA 1.105.2-2015) Final Action Date: 7/23/2026 | *Revision*

PHTA (Pool and Hot Tub Alliance)

1650 King Street, Suite 602, Alexandria, VA 22314 | bpavlik@phta.org, www.PHTA.org

ANSI/PHTA/ICC-2-2026, Standard for Public Pool and Spa Operations and Maintenance (revision of ANSI/PHTA/ICC-2-2023) Final Action Date: 7/27/2026 | *Revision*

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON K1P 1J9 | Hannah.Kirkland@UL.org, <https://ulse.org/>

ANSI/UL 5500-2026, Standard for Safety for Remote Software Updates (revision of ANSI/UL 5500-2018 (R2023)) Final Action Date: 7/24/2026 | *Revision*

ANSI/UL 61800-5-1-2026, 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) Final Action Date: 7/24/2026 | *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

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

INCITS Executive Board – ANSI Accredited SDO and U.S. 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 U.S. 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 learn more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/executive-board> 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 categories:

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

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

BSR/API RP 10B-5, first edition (R202x), Recommended Practice on Determination of Shrinkage and Expansion of Well Cement Formulations at Atmospheric Pressure (reaffirm a national adoption ANSI/API RP 10B-5/ISO 10426-5-2010 (R2020))

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

BSR/API RP 10B-6, first edition (R202x), Recommended Practice on Determining the Static Gel Strength of Cement Formulations (reaffirm a national adoption ANSI/API RP 10B-6/ISO 10426-6-2010 (R2019))

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

BSR/API RP 13M-4, first edition (R202x), Recommended Practice for Measuring Stimulation and Gravel-pack Fluid Leakoff Under Static Conditions (reaffirm a national adoption ANSI/API RP 13M-4/ISO 13503-4-2006 (R2020))

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | EscuderoD@api.org, www.api.org

BSR/API RP 13M-6, first edition (R202x), Procedure for Measuring Leakoff of Completion Fluids Under Dynamic Conditions (reaffirm a national adoption ANSI/API RP 13M-6/ISO 13503-6-2020)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S390.7 (ISO 12934-2022) JAN2022 (R202x), Tractors and machinery for agriculture and forestry - Basic types - Vocabulary (reaffirm a national adoption ANSI/ASAE S390.7 (ISO 12934-2022) JAN2022)

AWS (American Welding Society)

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

BSR/AWS B5.31-202x, Specification for the Qualification of B31 Owners Inspectors (revision of ANSI/AWS B5.31-2026)

AWS (American Welding Society)

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

BSR/AWS D14.9/D14.9M-202x, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2026)

CTA (Consumer Technology Association)

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

BSR/CTA 6057-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 2: Message format: coding and definition of RDS features IEC 62106-2:2021 (identical national adoption of IEC 62106-2:2021)

CTA (Consumer Technology Association)

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

BSR/CTA 6058-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 6: Compilation of technical specifications for Open Data Applications in the public domain IEC 62106-6:2023 (identical national adoption of IEC 62106-6:2023)

CTA (Consumer Technology Association)

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

BSR/CTA 6059-202x, Radio Data System (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 9: RBDS - RDS variant used in North America IEC 62106-9:2021 (identical national adoption of IEC 62106-9:2021)

CTA (Consumer Technology Association)

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

BSR/CTA 6060-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 10: UECP - Universal Encoder Communication Protocol IEC 62106-10:2021 (identical national adoption of IEC 62106-10:2021)

DASMA (Door and Access Systems Manufacturers Association)

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

BSR/DASMA 103-202x, Standard for Counterbalance Systems on Residential Sectional Garage Doors (new standard)

DASMA (Door and Access Systems Manufacturers Association)

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

BSR/DASMA 105-202x, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors (revision of ANSI/DASMA 105-2017)

EASA (Electrical Apparatus Service Association)

1331 Baur Road, St. Louis, MO 63132 | mhowell@easa.com

BSR/EASA AR100-202x, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2025)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-41E-202x, Cable Flexing Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-41E-2010 (R2021))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-70E-202x, Temperature Rise Versus Current Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-70D-2021)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-104C-202x, Flammability Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-104B-2015 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-116A-202x, Pin Contact Stability Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-116-2015 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-121A-202x, Coupling Thread Strength Test Procedure for Electrical Connector Accessories (revision and redesignation of ANSI/EIA 364-121-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-111A-2015 (R202x), Determining the Total Ionic Contamination Test Procedure for Electrical Connectors, Socket Assemblies, or Components (reaffirmation of ANSI/EIA 364-111A-2015 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-1002A-2015 (R202x), Test Methodology for Assessing the Performance of Compliant Contact Terminations Used as Free Standing Contacts or in Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-1002A-2015 (R2020))

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

INCITS 561-202x, Information Technology - Serial Attached SCSI - 5 (SAS-5) (new standard)

NSF (NSF International)

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

BSR/NSF 140-202x (i38r2), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2025)

NSF (NSF International)

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

BSR/NSF 419-202x (i13r2), Public Drinking Water Equipment Performance - Filtration (revision of ANSI/NSF 419-2024)

NSF (NSF International)

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

BSR/NSF 437-202x (i5r1), Glossary of Wastewater Technology Terminology (revision of ANSI/NSF 437-2023)

PHTA (Pool and Hot Tub Alliance)

1650 King Street, Suite 602, Alexandria, VA 22314 | bpavlik@phta.org, www.PHTA.org

BSR/PHTA/ICC-10-202x, Standard for Elevated Pools, Spas and Other Aquatic Venues Integrated into a Building or Structure (revision of ANSI/PHTA/ICC-10-2021)

TIA (Telecommunications Industry Association)

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

BSR/TIA 440-C-2017 (R202x), Fiber Optic Terminology (reaffirmation of ANSI/TIA 440-C-2017)

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | johnny.hall@ul.org, <https://ulse.org/>

BSR/UL 58-202x, Standard for Steel Underground Tanks for Flammable and Combustible Liquids (new standard)

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, ON K1P 1J9 | bahar.sammak@ul.org, <https://ulse.org/>

BSR/UL 752-202x, Standard for Bullet-Resisting Equipment (revision of ANSI/UL 752-2023)

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 link is 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

NENA - National Emergency Number Association

Effective July 8, 2026

The reaccreditation of **NENA - National Emergency Number Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NENA-sponsored American National Standards, effective **July 8, 2026**. For additional information, please contact: Sandy Dyre, National Emergency Number Association (NENA) | 1700 Diagonal Road Suite 500, Suite 500, Alexandria, VA 22314 | (202) 618-4412, crm@nena.org

Approval of Reaccreditation – ASD

PGMA - Portable Generator Manufacturers Association

Effective July 9, 2026

The reaccreditation of **PGMA - Portable Generator Manufacturers Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on PGMA-sponsored American National Standards, effective **July 9, 2026**. For additional information, please contact: Heather Darrah, Portable Generator Manufacturers Association (PGMA) | 1300 Sumner Avenue, Cleveland, OH (216) 270-3089, hdarrah@thomasamc.com

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)

IAPMO (International Association of Plumbing & Mechanical Officials)

ICC (International Code Council)

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)

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.

ADA (Organization)

American Dental Association
401 N. Michigan Avenue, Suite 3300
Chicago, IL 60611
www.ada.org

Kathy Medic
medick@ada.org

Mary Swick
swickm@ada.org

ANS

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

Kathryn Murdoch
kmurdoch@ans.org

APCO

Association of Public-Safety
Communications Officials-International
351 N. Williamson Boulevard
Daytona Beach, FL 32114
www.apcolntl.org

Cesar Eizaga
eizagac@apcointl.org

API

American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
www.api.org

Diana Escudero
EscuderoD@api.org

ASABE

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

Sadie Stell
stell@asabe.org

ASHRAE

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

Carmen King
cking@ashrae.org
Hugh Allen-Magande
hamagande@ashrae.org

ASI

ABAA Standards Institute, Inc.
1600 Boston Providence Hwy
Walpole, MA 02081
<https://www.airbarrier.org>

Laverne Dalglish
ldalglish@airbarrier.org

ASTM

ASTM International
100 Barr Harbor Drive, PO Box C700
West Conshohocken, PA 19428
www.astm.org

Meredith Klein
accreditation@astm.org

AWS

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

Brenda Boddiger
bboddiger@aws.org

Jennifer Rosario
jrosario@aws.org

Kevin Bulger
kbulger@aws.org

CTA

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

Kerri Haresign
KHaresign@cta.tech

DASMA

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

Christopher Johnson
dasma@dasma.com

EASA

Electrical Apparatus Service Association
1331 Baur Road
St. Louis, MO 63132

Mike Howell
mhowell@easa.com

ECIA

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

Laura Donohoe
ldonohoe@ecianow.org

ESTA

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

Richard Nix
standards@esta.org

FM

FM Approvals
One Technology Way
Norwood, MA 02062
www.fmaprovals.com

Josephine Mahnken
josephine.mahnken@fmaprovals.com

HI

Hydraulic Institute
300 Interpace Parkway, Bldg A, 3rd Floor
Parsippany, NJ 07054
www.pumps.org

Edgar Suarez
esuarez@pumps.org

IAPMO

International Association of Plumbing &
Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
www.iapmo.org

Hugo Aguilar
hugo.aguilar@iapmo.org

IEEE

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

Suzanne Merten
s.merten@ieee.org

IES

Illuminating Engineering Society
85 Broad Street, 17th Floor
New York, NY 10004
www.ies.org

Patricia McGillicuddy
pmcgillicuddy@ies.org

IENT

Institute of Environmental Sciences and Technology
1827 Walden Office Square, Suite 400
Schaumburg, IL 60173
www.ient.org

Kimberly Conradi
kconradi@ient.org

ISA (ASC Z133)

International Society of Arboriculture
270 Peachtree Street NW, Suite 1900
Atlanta, GA 30303
www.isa-arbor.com

Jamie Vidich
jvidich@isa-arbor.com

ITI (INCITS)

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

Jennifer Garner
jgarner@itic.org

MHI

Material Handling Industry
8720 Red Oak Boulevard, Suite 201
Charlotte, NC 28217
www.mhi.org

Patrick Davison
pdavison@mhi.org

NECA

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

Jeff Noren
Jeff.Noren@NECAnet.org

NEMA (ASC C137)

National Electrical Manufacturers Association
1812 N. Moore Suite 2200
Arlington, Virginia 22209
www.nema.org

Connor Grubbs
Connor.Grubbs@nema.org

NENA

National Emergency Number Association
1700 Diagonal Road, Suite 500
Alexandria, VA 22314
www.nena.org

Nena Staff
crm@nena.org

NSF

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

Megan Brooks-Planck
mbrookspla@nsf.org

Shannon McCormick
smccormick@nsf.org

PHTA

Pool and Hot Tub Alliance
1650 King Street, Suite 602
Alexandria, VA 22314
www.PHTA.org

Blake Pavlik
bpavlik@phta.org

RESNET

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

Richard Dixon
rick.dixon@resnet.us

SCTE

Society of Cable Telecommunications Engineers
858 Coal Creek Circle
Louisville, CO 80027
www.scte.org

Tiffany Montero
tmontero@scte.org

TIA

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

Teesha Jenkins
tjenkins@tiaonline.org

ULSE

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

Bahar Sammak
bahar.sammak@ul.org

ULSE

UL Standards & Engagement
100 Queen Street, Suite 1040
Ottawa, ON K1P 1
<https://ulse.org/>

Celine Eid
celine.eid@ul.org

ULSE

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

Johnny Hall
johnny.hall@ul.org

Tony Partridge
Tony.Partridge@ul.org

ULSE

UL Standards & Engagement
12 Laboratory Drive
RTP, NC 27709
<https://ulse.org/>

Sean McAlister
sean.mcalister@ul.org

ULSE

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

Adam Payrot
Adam.Payrot@ul.org

ULSE

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

Lisette Delgado
Lisette.delgado@ul.org

ULSE

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

Susan Malohn
Susan.P.Malohn@ul.org

ULSE

UL Standards & Engagement
1603 Orrington Avenue
Evanston, IL 60201
<https://ulse.org/>

Vanessa Johanneson
Vanessa.Johanneson@ul.org

ULSE

UL Standards and Engagement
100 Queen Street, Suite 1040
Ottawa, Canada, ON K1P 1
<https://ulse.org/>

Hannah Kirkland
Hannah.Kirkland@UL.org

ULSE

UL Standards and Engagement
1603 Orrington Ave. Suite 2000
Evanston, IL 60201
<https://ulse.org/>

Hannah Harrison
hannah.harrison@ul.org

ULSE

UL Standards and Engagement
1603 Orrington Avenue
Evanston, IL 60201
<https://ulse.org/>

Grace Kho
grace.kho@ul.org



ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote.

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.

ACCESSING ISO AND IEC DRAFTS

ISO Drafts are available for purchase via the ANSI Web Store at <https://webstore.ansi.org>. IEC Drafts can be made available by contacting ANSI's Customer Service department. Please email your request for an IEC Draft to sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the IEC Draft document you are requesting appears.

ISO Standards

Aircraft and space vehicles (TC 20)

ISO/DIS 25215, Civil Small Multi-copter Unmanned Aircraft Docking System - General Requirements - 10/15/2026, \$62.00

Child care articles (TC 310)

ISO/DIS 25673, Child care articles - Drinking equipment - Safety requirements and test methods - 10/15/2026, \$134.00

Implants for surgery (TC 150)

ISO/DIS 19213, Implants for surgery - Test methods of material for use as a cortical bone model - 10/10/2026, \$88.00

ISO/DIS 14708-1, Implants for surgery - Active implantable medical devices - Part 1: General requirements for safety, marking and for information to be provided by the manufacturer - 10/9/2026, \$146.00

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

ISO/DIS 17078-1, Oil and gas industries including lower carbon energy - Drilling, production and injection equipment - Part 1: Side-pocket mandrels - 10/11/2026, \$33.00

Road vehicles (TC 22)

ISO/DIS 6813, Road vehicles - Collision classification - Terminology - 10/9/2026, \$67.00

Sieves, sieving and other sizing methods (TC 24)

ISO/DIS 19676, Single particle light interaction methods - Bio-fluorescence airborne particle counter for clean spaces - 10/9/2026, \$107.00

Sterilization of health care products (TC 198)

ISO/DIS 15883-4, Washer-disinfectors - Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes - 10/15/2026, \$155.00

(TC 321)

ISO/DIS 32125, Transaction assurance in E-commerce - Guidelines for transaction-related information disclosure on e-commerce platforms - 10/8/2026, \$58.00

(TC 344)

ISO/DIS 25525-2, Unmanned store - Part 2: Conditions for monitoring store operations - 10/12/2026, \$58.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 6881, Radio-frequency identification of animals - Code structure ultra high frequency transponders - 10/9/2026, \$82.00

Traditional Chinese medicine (TC 249)

ISO/DIS 25788, Traditional Chinese medicine - Ophiopogon japonicus root tuber - 10/12/2026, \$77.00

Water quality (TC 147)

ISO/DIS 5667-3, Water quality - Sampling - Part 3: Preservation and handling of water samples - 10/11/2026, \$175.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 21122-2:2024/DAmD 2, - Amendment 2: Information technology - JPEG XS low-latency lightweight image coding system - Part 2: Profiles and buffer models - Amendment 2: CMainBayer profile - 10/15/2026, \$33.00

ISO/IEC DIS 7184, Office equipment - Security requirements for hard copy devices (HCDs) used for information processing in small, private office environments - 10/15/2026, \$62.00

ISO/IEC DIS 9798-5, Information security - Entity authentication - Part 5: Mechanisms using zero-knowledge techniques - 10/11/2026, \$134.00

ISO/IEC DIS 11889-1, Information technology - Trusted platform module library - Part 1: Architecture - 10/16/2026, \$215.00

ISO/IEC DIS 11889-2, Information technology - Trusted platform module library - Part 2: Structures - 10/16/2026, \$185.00

ISO/IEC DIS 11889-3, Information technology - Trusted platform module library - Part 3: Commands - 10/16/2026, \$203.00

IEC Standards

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

100/4513(F)/FDIS, IEC 60728-114 ED1: Cable networks for television signals, sound signals and interactive services - Part 114: Optical transmission systems using RFoG technology, 08/07/2026

100/4505/CDV, IEC 62087-8 ED1: Audio, video, and related equipment - Determination of power consumption - Part 8: Small Network Equipment, 10/16/2026

100/4529/DTR, IEC TR 63668 ED1: Autonomous wireless power transmission (WPT) on moving devices which support multimedia and service, 09/18/2026

100/4530/DTR, IEC TR 63676-1 ED1: Multimedia systems and equipment for vehicle - External visual systems of external human-machine interfaces (eHMI) for automated vehicles - Part 1: General, 09/18/2026

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

46F/748/FDIS, IEC 61169-54/AMD1 ED2: Amendment 1 - Radio-frequency connectors - Part 54: Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50 Ω , series 4,3 -10, 09/04/2026

Dependability (TC 56)

56/2142/CD, IEC 62402-2 ED1: Obsolescence Management - Part 2: Forecasting obsolescence cost, 09/18/2026

Electrical apparatus for explosive atmospheres (TC 31)

31/1987/FDIS, IEC 60079-1 ED8: Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d", 09/04/2026

Electrical equipment in medical practice (TC 62)

62A/1759/CD, IEC 60601-1/FRAG1 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - General requirements (Fragment 1), 10/16/2026

62D/2317(F)/FDIS, IEC 60601-2-4/AMD2 ED3: Amendment 2 - Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators, 08/21/2026

Electromagnetic compatibility (TC 77)

77/643/DTR, Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000 -4 series, 09/18/2026

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

104/1201/CD, IEC 60068-2-18 ED4: Environmental testing - Part 2-18: Tests - Test R and guidance: Water, 09/18/2026

104/1193(F)/FDIS, IEC 60068-3-6 ED3: Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/humidity chambers, 08/07/2026

Fibre optics (TC 86)

86B/5264/FDIS, IEC 61300-2-21 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-21: Tests - Composite temperature/humidity cyclic test, 09/04/2026

Fire hazard testing (TC 89)

89/1672/FDIS, IEC 60695-5-2 ED1: Fire hazard testing - Part 5 -2: Corrosion damage effects of fire effluent - Summary and relevance of test methods, 09/04/2026

89/1673/NP, PNW 89-1673 ED1: FIRE HAZARD TESTING - Part 12-1: Electric arc-based test methods - AC Electric arc ignition energy test method for materials (AC EAIEM), 10/16/2026

Flat Panel Display Devices (TC 110)

110/1872/FDIS, IEC 62906-5-8 ED1: Laser displays - Part 5-8: Measurement of scanning characteristics for raster-scanning laser display, 09/04/2026

Hydraulic turbines (TC 4)

4/557/CDV, IEC 60041 ED4: Field acceptance tests to determine the hydraulic performance of hydraulic turbines, storage pumps and pump-turbines, 10/16/2026

Lamps and related equipment (TC 34)

34D/1819/FDIS, IEC 60598-2-24 ED3: Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures, 09/04/2026

34/1482/CD, IEC 62386-253/AMD1 ED1: Amendment 1 - Digital addressable lighting interface - Part 253: Particular requirements - Diagnostics and maintenance (device type 52), 09/18/2026

Laser equipment (TC 76)

76/802/CD, IEC 60825-1 ED4: Safety of laser products - Part 1: Equipment classification and requirements, 10/02/2026

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

113/990/NP, PNW 113-990 ED1: Nanomanufacturing - Key control characteristics - Part 11-7: Electromagnetic compatibility - Shielding effectiveness of nano-composites based on dielectric nanoparticles: free-space method, 10/16/2026

Nuclear instrumentation (TC 45)

45B/1122/CDV, IEC 61005 ED4: Radiation protection instrumentation - Portable neutron ambient dose equivalent (rate) meters, 10/16/2026

45/1053/CDV, IEC 61239 ED2: Nuclear instrumentation - Portable gamma radiation meters and spectrometers used for prospecting - Definitions, requirements and calibration, 10/16/2026

Performance of household electrical appliances (TC 59)

59C/310/CD, IEC 60675 ED3: Household electric direct-acting room heaters - Methods for measuring performance, 09/18/2026

59K/433/CDV, IEC 63724 ED1: Electric forced convection ovens, steam cookers and combination ovens for professional use - Test methods for measuring the performance (Fast track), 10/16/2026

Power electronics (TC 22)

22F/885/CD, IEC TR 63759 ED1: Testing methods for equivalent converter impedance at AC side of voltage source converters (VSC) for high voltage direct current (HVDC) systems, 09/18/2026

Primary cells and batteries (TC 35)

35/1609/CD, IEC 62281 ED5: Safety of lithium metal, lithium-ion and sodium-ion cells and batteries during transport, 10/16/2026

Process Management for Avionics (TC 107)

107/447/DTR, IEC TR 62240-2 ED2: Process management for avionics - Electronic components capability in operation - Part 2: Semiconductor microcircuit lifetime, 09/18/2026

Rotating machinery (TC 2)

2/2323/FDIS, IEC 60034-14 ED5: Rotating electrical machines - Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher - Measurement, evaluation and limits of vibration severity, 09/04/2026

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

116/1007/CD, IEC 62841-3-7 ED2: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-7: Particular requirements for transportable wall saws and wire saws, 10/02/2026

Safety of household and similar electrical appliances (TC 61)

61/7626/FDIS, IEC 60335-2-53 ED5: Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins, 09/04/2026

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

66/886/FDIS, IEC 61010-1/AMD2 ED3: Amendment 2 - Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements, 09/04/2026

Secondary cells and batteries (TC 21)

21/1307/FDIS, IEC 60095-8 ED1: Lead-acid starter batteries - Part 8: 12V Batteries used in automobiles for auxiliary or backup purposes, 09/04/2026

21A/988/CD, IEC 61434 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Guide to designation of current, 09/18/2026

21/1308/NP, PNW 21-1308 ED1: Battery repurposing - Quality management systems - General requirements, 10/16/2026

Semiconductor devices (TC 47)

47/3029/NP, PNW 47-3029 ED1: Semiconductor devices - Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 6: Procedure for identifying and evaluating defects using a combined method of optical inspection, photoluminescence and X-ray topography, 10/16/2026

47E/903/NP, PNW 47E-903 ED1: Semiconductor sensors - Measurement method for microchannel integrated resonant mass sensors in surface adsorption mode, 10/16/2026

(TC)

CIS/F/935/CD, CISPR 14-3 ED1: Electromagnetic compatibility of appliances, electric tools and similar apparatus - Part 3: Limits and methods of measurement of electromagnetic emissions for professional equipment in commercial and light-industrial locations, 09/18/2026

Ultrasonics (TC 87)

87/944/CD, IEC TS 63587 ED1: Ultrasonics - Field
characterization - Measurement-based simulation in water and
other media, 10/16/2026



Newly Published ISO & IEC Standards

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

ISO Standards

Analysis of gases (TC 158)

[ISO 19229:2019/Amd 1:2026](#), - Amendment 1: Gas analysis - Purity analysis and the treatment of purity data - Amendment 1: Correction of Formula A.4, \$26.00

Applications of statistical methods (TC 69)

[ISO 28037:2026](#), Determination and use of straight-line calibration functions, \$291.00

Compressors, pneumatic tools and pneumatic machines (TC 118)

[ISO 18623-1:2026](#), Air compressors and compressed air systems - Safety - Part 1: Air compressors, \$227.00

Dentistry (TC 106)

[ISO 9693:2026](#), Dentistry - Compatibility testing for metal-ceramic and ceramic-ceramic systems, \$96.00

[ISO 11609:2026](#), Dentistry - Dentifrices - Requirements, test methods and marking, \$193.00

Glass in building (TC 160)

[ISO 9050:2026](#), Glass in building - Determination of luminous and solar characteristics of glazing, \$324.00

Graphical symbols (TC 145)

[ISO 7001:2023/Amd 3:2026](#), - Amendment 3: Graphical symbols - Registered public information symbols - Amendment 3, \$26.00

[ISO 28564-1:2026](#), Public information guidance systems - Part 1: Design principles and element requirements for location plans, maps and diagrams, \$193.00

Health Informatics (TC 215)

[ISO/IEEE 11073-10101:2020/Amd 1:2026](#), - Amendment 1: Health informatics - Device interoperability - Part 10101: Point-of-care medical device communication - Nomenclature - Amendment 1: Additional definitions, \$324.00

Implants for surgery (TC 150)

[ISO 27186:2026](#), Active implantable medical devices - Four-pole connector system for implantable cardiac rhythm management devices - Dimensional and test requirements, \$324.00

Other

[ISO 26082-1:2026](#), Leather - Physical and mechanical test methods for the determination of soiling - Part 1: Rubbing (Martindale) method, \$96.00

Packaging (TC 122)

[ISO 6599-1:2026](#), Packaging - Conditioning for testing - Part 1: Paper sacks, \$63.00

[ISO 8367-1:2026](#), Packaging - Dimensional tolerances for general purpose sacks - Part 1: Paper sacks, \$63.00

Robots and robotic devices (TC 299)

[ISO 18646-5:2026](#), Robotics - Performance criteria and related test methods for service robots - Part 5: Locomotion for legged robots, \$143.00

Sports and recreational equipment (TC 83)

[ISO 8783:2026](#), Alpine skis - Guidelines and requirements for conducting slope performance tests, \$63.00

[ISO 10256-5:2026](#), Protective equipment for use in ice hockey - Part 5: Neck laceration protectors for use in ice hockey, \$96.00

Steel (TC 17)

[ISO 4885:2026](#), Ferrous materials - Heat treatments - Vocabulary, \$291.00

Technical systems and aids for disabled or handicapped persons (TC 173)

[ISO 17191:2026](#), Urine-absorbing products for incontinence - Measurement of airborne respirable polyacrylate superabsorbent materials - Determination of dust in collection cassettes by sodium atomic absorption spectrometry, \$96.00

Traditional Chinese medicine (TC 249)

[ISO 21756:2026](#), Traditional Chinese medicine - Salvia miltiorrhiza root and rhizome aqueous extract granules, \$143.00

ISO Technical Specifications

Industrial automation systems and integration (TC 184)

[ISO/TS 18101-2:2026](#), Automation systems and integration - Asset-intensive industry interoperability - Part 2: Vocabulary, \$63.00

ISO/IEC Guides

Other

[ISO/IEC Guide 98-3:2008/Amd 1:2026](#), - Amendment 1:

Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995) - Amendment 1:

Nonlinearity in measurement models, \$26.00

[ISO/IEC Guide 98-5:2026](#), Guide to the expression of uncertainty in measurement - Part 5: Examples, \$324.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 23167:2026](#), Information technology - Cloud computing - Common technologies and techniques, \$258.00

[ISO/IEC 25986:2026](#), Software engineering - NESMA functional size measurement method - Easy functional sizing (EFS), \$143.00

[ISO/IEC 27017:2026](#), Information security, cybersecurity and privacy protection - Information security controls based on ISO/IEC 27002 for cloud services, \$279.00

[ISO/IEC 29151:2026](#), Information security, cybersecurity and privacy protection - Controls, requirements, and guidance for personally identifiable information protection, \$258.00

[ISO/IEC 23093-3:2026](#), Information technology - Internet of media things - Part 3: Media data formats and application programming interface (API), \$324.00

[ISO/IEC 19763-13:2026](#), Information technology - Metamodel framework for interoperability (MFI) - Part 13: Metamodel for form design registration, \$291.00

[ISO/IEC 23000-19:2024/Amd 2:2026](#), - Amendment 2: Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media - Amendment 2: Additional structural CMAF brand profile, \$26.00

[ISO/IEC 23090-30:2026](#), Information technology - Coded representation of immersive media - Part 30: Low latency, low complexity light detection and ranging (LiDAR) coding, \$324.00

[ISO/IEC 29110-7-1:2026](#), Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 7-1: Space software engineering guidelines, \$291.00

IEC Standards

Measuring equipment for electromagnetic quantities (TC 85)

[IEC 63580 Ed. 1.0 en:2026](#), Measuring equipment for electrical and electromagnetic quantities - Environmental aspects, \$421.00

[IEC 63580 Ed. 1.0 b:2026](#), Measuring equipment for electrical and electromagnetic quantities - Environmental aspects, \$421.00

Rotating machinery (TC 2)

[IEC 60034-8 Ed. 4.0 b Cor.1:2026](#), Corrigendum 1 - Rotating electrical machines - Part 8: Terminal markings and direction of rotation, \$0.00

Safety of machinery - Electrotechnical aspects (TC 44)

[IEC 62046 Ed. 2.0 en:2026](#), Safety of machinery - Application of protective equipment to detect the presence of persons, \$613.00

[IEC 62046 Ed. 2.0 b:2026](#), Safety of machinery - Application of protective equipment to detect the presence of persons, \$613.00

International Electrotechnical Commission (IEC)

Call for Members

USNC TAG to IEC/ TC 91 - Electronics assembly technology

The USNC Technical Advisory Group (TAG) to IEC/TC 91 would like to grow its membership. Individuals who are interested in joining the USNC TAG to IEC/TC 91, are invited to contact Betty Barro at bbarro@ansi.org as soon as possible.

Please see the scope for IEC/ TC 91 below:

Scope: TC 91 - Electronics assembly technology

To prepare international standards on design, manufacturing and testing of electronic assemblies including the requirements, tests and environmental aspects for materials and components used to manufacture circuit boards and electronic assemblies, as well as the formats of electronic data and libraries for describing these products and processes

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 357 – Wound dressings and compresses

A new ISO Technical, ISO/TC 357 – *Wound dressings and compresses*, has been formed. The Secretariat has been assigned to Saudi Arabia (SASO).

ISO/TC 357 operates under the following scope:

Standardization of particular aspects related to wound dressings and wound compresses, including but not limited to, design, safety and performance requirements and associated test methods for adhesiveness, absorption, waterproofness and skin-fitting. In addition to standardization of safety controls and terminologies for these products. Excluded: aspects related to biological and clinical evaluation, covered by ISO/TC 194; quality management and corresponding general aspects, covered by ISO/TC 210.

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

Establishment of ISO Technical Committee

ISO/TC 358 – Artificial ice and snow landscape

A new ISO Technical, ISO/TC 358 – *Artificial ice and snow landscape*, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 358 operates under the following scope:

Responsible for the standardization of safety, design, construction, operation, maintenance and sustainable development of artificial ice and snow landscape construction (both indoor and outdoor), excluding the standardization in permanent buildings with residential functions (ISO/TC 59), ice and snow sports and recreational facilities (ISO/TC 83), bases for design of structures (ISO/TC 98) and tourism and related services (ISO/TC 228). Note: The term "operation" here refers exclusively to good practices related to the internal operation and management of artificial ice and snow landscapes, and does not cover services provided externally to tourists.

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

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Clusters

Comment Deadline: September 2, 2026

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on *Clusters*, with the following scope statement:

Standardization in the field of cluster governance, including principles, governance structures, diagnostic methods, coordination mechanisms, performance assessment, and implementation tools to improve cluster functioning and productivity.

Note: If this proposal is approved by ISO member bodies, ISO/TC 279 *Innovation management* will consider the proposal and determine how the work can be taken forward, including whether its title and scope should be revised.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on September 2, 2026.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Construction management

Comment Deadline: September 2, 2026

INSO, the ISO member body for the Islamic Republic of Iran, has submitted to ISO a proposal for a new field of ISO technical activity on *Construction management*, with the following scope statement:

Standardization in the field of construction management, with particular emphasis on the execution phase of built environment projects, including: + planning, coordination, and control of construction execution processes and site-based activities; + management of resources required for construction execution, including workforce, equipment, materials, and information flows, strictly from an organizational and managerial perspective; + operational management practices for on-site delivery, including performance measurement and monitoring; + coordination of execution-phase activities with relevant design outputs, quality, safety, environmental, and lifecycle considerations, without addressing design development, design governance, or technical specification activities; + management practices supporting health, safety, and environmental (HSE) performance during construction execution; + practical application of digital tools and information technologies to support construction execution management processes, without defining information models, data structures, interoperability protocols, or digital technical specifications.

The work of this committee is limited to management frameworks and execution-phase coordination practices. It does not address the technical performance, design, specification, or safety requirements of products, materials, machinery, electrotechnical systems, or digital infrastructure. On-site assembly, installation, and coordination of prefabricated components are included in this scope. Off-site manufacturing and factory production processes for prefabricated building systems remain outside the scope of this committee and are the responsibility of ISO/TC 59/SC 19 (Prefabricated Building). The deliverables of this committee are intended as voluntary management guidance and shall not establish regulatory, legal, professional qualification, certification, or technical product requirements.

Excluded:

- *technical design standards for buildings and civil engineering works (e.g., ISO/TC 59, ISO/TC 98);*
- *manufacturing and factory production processes for prefabricated building systems (ISO/TC 59/SC 19).*
- *material-specific technical execution standards for concrete, steel, aluminum, timber, and other construction materials (ISO/TC 71, ISO/TC 167, ISO/TC 165, ISO/TC 74, ISO/TC 17, etc.);*
- *standards for construction machinery, equipment, and related technical requirements (ISO/TC 195);*
- *generic management system standards, including quality, environmental, and occupational health and safety management systems (ISO/TC 176, ISO/TC 207, ISO/TC 283);*
- *project, programme, and portfolio management standards addressing project governance, lifecycle frameworks, terminology, and generic project management concepts (ISO/TC 258);*
- *information modelling standards, data schemas, digital interoperability frameworks, semantic models, and electrotechnical documentation standards.*

Note: If this proposal is approved by ISO member bodies, ISO/TC 59 *Buildings and civil engineering works* will consider the proposal and determine how the work can be taken forward, including whether its title and scope should be revised.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on September 2, 2026.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Groundwater

Comment Deadline: August 14, 2026

KATS, the ISO member body for the Republic of Korea, has submitted to ISO a proposal for a new field of ISO technical activity on *Groundwater*, with the following scope statement:

Standardization of methods, procedures, instruments, and equipment related to measurement, estimation, prediction, and intervention for groundwater availability and behaviour, in order to ensure the sustainable management of groundwater resources through their conservation, protection, remediation, rehabilitation, efficient use, and risk assessment.

Excluded: Standardization covered by

- *ISO/TC 113 Hydrometry*
- *ISO/TC 147 Water quality and its subcommittees*
- *ISO/TC 190 Soil quality*
- *ISO/TC 224 Drinking water, wastewater and stormwater systems and services*
- *ISO/TC 282 Water reuse*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on August 14, 2026.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Responsible Business Practices and Sustainability Reporting

Comment Deadline: September 2, 2026

BSI (UK), ABNT (Brazil), DS (Denmark), AFNOR (France) and BIS (India) have submitted to ISO a draft proposal for a new ISO technical committee and 3 subcommittees on *Responsible Business Practices and Sustainability Reporting*. The new committee structure is proposed with the following scope statements:

TC on *Responsible Business Practices and Sustainability Reporting* (Twinned leadership between BSI and ABNT)

Scope: *Standardization in the field of responsible business practices, corporate sustainability, ESG principles, and transparent reporting frameworks. This includes:*

- *Horizontal frameworks and guidance to support the management of the United Nations Sustainable Development Goals (SDGs).*
- *Environmental, Social, and Governance (ESG) horizontal principles, including disclosures and performance measurement.*
- *Social responsibility frameworks, to enhance accountability for the impacts of decisions and activities on society and the environment, ethical business operations, and community engagement.*

Exclusions: *Standards in the scope of the following committees:*

- *ISO/TC 207 Environment Management*
- *ISO/TC 309 Governance of Organizations*
- *ISO/TC 322 Sustainable Finance*

SC 1 - *SDG Management* (DS Secretariat)

Scope: *Standardization in the field of Horizontal Frameworks and Guidance to Support the Management of United Nations Sustainable Development Goals (SDGs).*

SC 2 – *Social Responsibility* (AFNOR Secretariat)

Scope: *Standardization in the field of Social Responsibility as defined by ISO 26000:2010 to provide frameworks that support the transformation of organizations of all sizes, shapes and levels of SR maturity and thus enhance accountability, ethical business operations, and stakeholders and community engagement.*

SC 3 - *Sustainability Reporting* (BIS Secretariat)

Scope: *Standardization in sustainability reporting, horizontal principles, including disclosures and performance measurement.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on September 2, 2026.

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 Draft

Proposed Addendum ag to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

Second Publication Public Review ISC
(Draft Shows Proposed Changes to First PPR 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).

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

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

© June 8, 2026 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 180 Technology Pkwy NW, Peachtree Corners, GA 30092. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

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



BSR/ASHRAE/ICC/USGBC/IES Addendum ag to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* Second Publication Public Review Draft Independent Substantive Changes

© June 8, 2026 ASHRAE

This draft is covered under ASHRAE copyright. The appearance of any technical data or editorial material in this publication document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, design or the like and ASHRAE expressly disclaims such. Permission to republish or redistribute must be obtained from the MOS.

(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 ISC is in response to comments from SSPC members raising concerns that the language of Exception 3 to Section 8.8 was not clear and could potentially be interpreted to not except buildings with closed floors above an open floor in contact with the ground.

[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 ag to 189.1-2023, 2nd PPR ISC

Modify Section 8.8 as follows

8.8 Soil-Gas Control. *Building projects* shall be designed to control soil-gas entry in accordance with Sections 8.8.1 or 8.8.2.

Exceptions to 8.8:

1. Buildings or portions thereof that are not routinely occupied, such as warehouses.
2. Parking garages that comply with ANSI/ASHRAE Standard 62.1, Sections 5.2 and 6.5.
3. Structures in which each floor in contact with ground has have openings to the outdoors on two or more sides ~~of the structure and where the area of the~~ such openings is not less than 20 percent of the total perimeter wall area of each such floor.

Public Review Draft

Proposed Addendum ah to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (March 2026)
(Draft Shows Proposed Changes to Current Standard)

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

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

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

© March 9, 2026 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 180 Technology Pkwy NW, Peachtree Corners, GA 30092. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

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



BSR/ASHRAE/ICC/USGBC/IES Addendum ah to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* First Publication Public Review Draft

© March 9, 2026 ASHRAE

This draft is covered under ASHRAE copyright. The appearance of any technical data or editorial material in this publication document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, design or the like and ASHRAE expressly disclaims such. Permission to republish or redistribute must be obtained from the MOS.

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

Foreword

This addendum amends Section 9.5 with the removal of the Reduced Impact Materials section and the introduction of two new compliance pathways: Lower Global Warming Potential (GWP) Product Procurement and Existing Building Reuse. The existing Life-Cycle Assessment (LCA) remains unchanged. Projects must choose to comply with one of these three options.

The Lower GWP Product Procurement section uses cost as a simple and enforceable means of identifying the more significant contributors of GWP in a project. Projects comply by providing an Environmental Product Declaration (EPD) or LCA for select products that demonstrate a GWP that is less than the industry average GWP for the same product. Many of the prescriptive criteria captured in the now-removed Reduced Impact Materials section are captured by the EPDs and LCA data that would be submitted under this new section. Additionally, this new section aligns with recent updates to Section 9.4 through Addendum u, which simplified the requirements for submitting EPDs and created two tiers of requirements based on the size of the building project.

The purpose of the new Existing Building Reuse section is to encourage building reuse where possible due to the significant environmental benefits associated with avoiding or minimizing new construction and the new product procurement that comes with it. The intent is to provide a simple means of calculating and demonstrating compliance: projects that retain at least 50 percent of an existing building on site, by default, adhere with Section 9.5.

These three compliance options under the new structure of Section 9.5 mirror the embodied carbon pathways in the state of California's statewide mandatory green building code, CALGreen, the latest version of which is now in effect.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (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 ah to 189.1-2023***Modify Section 9.5 as follows:***

9.5 Material Selection-Material Environmental Impact Reduction. ~~The building project shall comply with either Section 9.5.1 or 9.5.2.~~ *Building projects* that include new construction or additions, and initial interior construction, shall comply with Section 9.5.1 or 9.5.2. *Building projects* that consist only of alterations to existing buildings shall comply with Section 9.5.1, 9.5.2, or 9.5.3.

Exception to 9.5: *Building projects* or building alteration areas with a total area of less than 10,000 ft² (1,000m²).

9.5.1 Lower GWP Product Procurement. *Building products* with an aggregate cost of not less than 20% of the total estimated cost of *building products* permanently installed in the *building project* shall have a cradle-to-gate GWP less than the industry-average GWP for the same product. The industry-average GWP for the *building product* shall be based on a currently valid and publicly available industry-average EPD or LCA developed for, or applicable to, the geographic region in which the *building project* is constructed. All EPDs, LCAs, and PCRs referenced in this section shall be developed for, or applicable to, the geographic region in which the *building project* is constructed.

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

9.5.1.1 Building Product Assemblies. *Building product assembly* compliance shall be documented in accordance with one of the following:

- a. the *building product assembly's* publicly available industry-average EPD or LCA applicable to the geographic region in which the *building project* is constructed.
- b. publicly available EPDs or LCAs for individual product components comprising 80% or more of the *building product assembly's* total cost or weight. The sum of the individual product component EPDs and LCAs shall be compared against the sum of industry-average EPDs or LCAs for the same individual product components of the *building product assembly*.

9.5.1.2 Salvaged Materials. *Salvaged materials* shall be deemed to have a cradle-to-gate GWP less than that of the industry-average GWP. *Salvaged materials* shall not require an EPD or LCA. *Salvaged material* cost shall be determined based on the actual cost of the *salvaged material* or the cost of a comparable alternative.

~~**9.5.1 Reduced Impact Materials.** The *building project* shall comply with any two of the following: Sections 9.5.1.1, 9.5.1.2, 9.5.1.3, or 9.5.1.4. Calculations shall only include materials *permanently installed* in the project. A value of 45% of the total construction cost shall be permitted to be used in lieu of the actual total cost of materials.~~

9.5.1.1 Recycled Content and Salvaged Material Content. The sum of the *recycled content* and the *salvaged material* content shall constitute a minimum of 10%, based on cost, of the total materials in the *building project*.

9.5.1.1.1 Recycled Content. The *recycled content* of a material shall be the *postconsumer recycled content* plus one half of the *preconsumer recycled content*, determined by weight (mass). The recycled fraction of the material in a product or an assembly shall then be multiplied by the cost of the product or assembly to determine its contribution to the 10% requirement.

The annual average industry values, by country of production, for the *recycled content* of steel products manufactured in basic oxygen furnaces and electric arc furnaces shall be permitted to be used as the *recycled content* of the steel. For the purpose of calculating the *recycled content* contribution of concrete, the constituent materials in concrete (**Informative Note:** e.g., the cementitious materials, aggregates, and water) shall be permitted to be treated as separate components and calculated separately.

~~**9.5.1.1.2 Salvaged Material Content.** The *salvaged material* content shall be determined based on the actual cost of the *salvaged material* or the cost of a comparable alternative component material.~~

9.5.1.2 Regional Materials. A minimum of 15% of building materials or products used, based on cost, shall be

~~regionally extracted/harvested/recovered or manufactured within a radius of 500 mi (800 km) of the project site. If only a fraction of a product or material is extracted/harvested/recovered or manufactured locally, then only that percentage (by weight) shall contribute to the regional value.~~

Exception to 9.5.1.2: ~~For building materials or products shipped in part by rail or water, the total distance to the project shall be determined by weighted average, whereby that portion of the distance shipped by rail or water shall be multiplied by 0.25 and added to that portion not shipped by rail or water, provided that the total does not exceed 500 mi (800 km).~~

9.5.1.3 Biobased Products. ~~A minimum of 5% of building materials used, based on cost, shall be *biobased products*. *Biobased products* shall~~

- ~~a. Comply with the minimum biobased contents of the USDA's BioPreferred Program;~~
- ~~b. Contain the "USDA-Certified *Biobased Product*" label; or~~
- ~~c. Be composed of solid wood, engineered wood, bamboo, wool, cotton, cork, agricultural fibers, or other biobased materials with at least 50% biobased content.~~

9.5.1.3.1 Wood Building Components. ~~Wood building components, including but not limited to structural framing, sheathing, flooring, subflooring, wood window sash and frames, doors, and architectural millwork, used to comply with this requirement shall contain not less than 60% certified wood content tracked through a chain of custody process, either by physical separation or percentage-based approaches, or wood that qualifies as a *salvaged material*. Certified wood content documentation shall be provided by sources certified through a forest certification system with principles, criteria, and standards developed using ISO/IEC Guide 59 or the WTO Technical Barriers to Trade. Wood building components from a *vendor* shall be permitted to comply when the annual average amount of certified wood products purchased by the *vendor*, for which they have chain of custody *verification* not older than two years, is 60% or greater of their total annual wood products purchased.~~

9.5.1.4 Third-Party Multi-Attribute Certification. ~~A material-specific assessment shall be submitted to the *AHJ* for a minimum of five different products installed in the *building project* at the time of issuance of certificate of occupancy in accordance with one or more of the following standards, where applicable. The assessment shall be certified as meeting the minimum performance level specified in each standard.~~

- ~~a. ANSI/BIFMA e3~~
- ~~b. NSF/ANSI 140~~
- ~~c. NSF/ANSI 332~~
- ~~d. NSF/ANSI 336~~
- ~~e. NSF/ANSI 342~~
- ~~f. NSF/ANSI 347~~
- ~~g. NSC 373~~
- ~~h. ANSI A138.1~~
- ~~i. UL 102~~

9.5.2 Life-Cycle Assessment (LCA). *[Unchanged]*.

9.5.3 Existing Building Reuse. An existing building shall retain not less than 50% of the existing building area, where the existing building area shall be the sum of its *gross floor area*, *exterior gross wall area*, and *gross roof area*.

This ends the changes available for comment on Addendum ah. The information presented below is for informational purposes only and not open for public comment.

The definitions referenced in 9.5.3 Existing Building Reuse have recently been updated per ASHRAE 189.1 Addendum w, provided for reference below:

floor area, gross: the sum of the *floor* areas of the *spaces* within the building, including basements, mezzanine and intermediate-floored tiers, and penthouses with a headroom height of 7.5 ft or greater. It is measured from the exterior faces of *walls* or from the centerline of *walls* separating buildings, but excluding covered walkways, open roofed-over areas, porches and similar *spaces*, pipe trenches, exterior terraces or steps, chimneys, *roof* overhangs, and similar features.

wall area, gross: the area of the *wall* measured on the exterior face from the top of the *floor* to the bottom of the *roof*.

roof area, gross: the area of the *roof* measured from the exterior faces of *walls* or from the centerline of party walls. (See *roof* and *wall*.)

Public Review Draft

Proposed Addendum ai to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

Second Public Review ISC
(Draft Shows Proposed Changes to PPR1 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).

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

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

© May 15, 2026 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 180 Technology Pkwy NW, Peachtree Corners, GA 30092. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

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



BSR/ASHRAE/ICC/USGBC/IES Addendum ai to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* Second Publication Public Review Draft, Independent Substantive Changes

© May 15, 2026 ASHRAE

This draft is covered under ASHRAE copyright. The appearance of any technical data or editorial material in this publication document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, design or the like and ASHRAE expressly disclaims such. Permission to republish or redistribute must be obtained from the MOS.

(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

The first public review draft of this addendum added a definition of *smart controller* and modifies Section 6.3.1.3, Irrigation System Controls, to incorporate that definition. The first publication public review had one comment which was to change the defined term to *smart irrigation controller*. This second public review makes that change in the definition and in 6.3.1.3.

[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 ai to 189.1-2023, 2nd PPR ISC

Modify Section 3 as follows:

smart irrigation controller: a device that estimates or measures depletion of water from the soil moisture reservoir and operates an irrigation system to replenish water as needed while minimizing excess.

Modify Section 6.3.1.3 as follows:

6.3.1.3 Irrigation System Controls. Where any irrigation system for the project site uses an *automatic* controller, the system shall be controlled by a qualifying *smart irrigation controller* that uses *evapotranspiration (ET)* and weather data or soil moisture data to adjust irrigation schedules. Qualifying *smart irrigation controllers* shall comply with the requirements of the USEPA *WaterSense Specification for Weather-Based Irrigation Controllers* or tested in accordance with Irrigation Association *SWAT* Climatologically Based Controllers, 8th Testing Protocol. *Smart irrigation controllers* that use *ET* data shall provide the following irrigation amounts:

- a. *Irrigation adequacy*—80% minimum ETc
- b. *Irrigation excess*—not to exceed 10% of ETc

The following settings and schedule for the irrigation control system shall be posted on or adjacent to the controller:

- a. Precipitation rate of each *irrigation station*
- b. Plant factors for each *hydrozone*
- c. Soil type

BSR/ASHRAE/ICC/USGBC/IES Addendum ai to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* Second Publication Public Review Draft, Independent Substantive Changes

- d. Rain sensor settings
- e. Soil moisture sensor settings, where installed
- f. Peak demand schedule, including run times, cycle starts, and soak times
- g. Maximum runtimes to prevent water runoff

Exception to 6.3.1.3: Temporary irrigation systems used exclusively for the *landscape establishment period*.

Note to reviewers: Addendum aa to 189.1-2023 is also proposing changes to Section 6.3.1.3. If addendum aa is published without changes, the changes proposed by this addendum will appear as follows. The language below is shown for information only and is not open for comment.

6.3.1.3 Irrigation System Controls. Where any irrigation system for the project site uses an *automatic* controller, the system shall be controlled by a qualifying *smart irrigation controller* that uses *evapotranspiration (ET)* and weather data or soil moisture data to adjust irrigation schedules and that complies with the minimum requirements. Qualifying *smart irrigation controllers* shall comply with the requirements of the USEPA *WaterSense Specification for Weather-Based Irrigation Controllers* or USEPA *WaterSense Specification for Soil Moisture -Based Irrigation Controllers*.

The following settings and schedule for the irrigation control system shall be posted on or adjacent to the controller:

- a. Precipitation rate of each *irrigation station*
- b. Plant factors for each *hydrozone*
- c. Soil type
- d. Rain sensor settings
- e. Soil moisture sensor settings, where installed
- f. Peak demand schedule, including run times, cycle starts, and soak times
- g. Maximum runtimes to prevent water runoff

Exception to 6.3.1.3: Temporary irrigation systems used exclusively for the *landscape establishment period*.

Public Review Draft

Proposed Addendum am to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (July, 2026)
(Draft Shows Proposed Changes to Current Standard)

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

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

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

© July 29, 2026 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 180 Technology Pkwy NW, Peachtree Corners, GA 30092. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

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



BSR/ASHRAE/ICC/USGBC/IES Addendum am to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* First Publication Public Review

© June 25, 2026 ASHRAE

This draft is covered under ASHRAE copyright. The appearance of any technical data or editorial material in this publication document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, design or the like and ASHRAE expressly disclaims such. Permission to republish or redistribute must be obtained from the MOS.

(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

The reference standards for soil gas measurement and mitigation have been updated. The two radon measurement standards (MAMF and MALB) were formally consolidated into a single standard MA-MFLB. The two mitigation standards (RMS-MF and RMS-LB) have been consolidated into a single publication SGM-MFLB. This addendum modifies Sections 10.8 and 10.10.4, and the references in Chapter 11, to reflect these changes.

[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.]

BSR/ASHRAE/ICC/USGBC/IES Addendum am to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* First Publication Public Review

Addendum am to 189.1-2023

Modify Section 10.8 as follows:

10.8. Soil-Gas Control. The building shall be tested, postconstruction, for radon in accordance with ANSI/AARST ~~MA-MFLB MALB or ANSI/AARST MAMF as applicable~~. The indoor radon concentration shall be below 2.7 pCi/L (100 Bq/m³). Where radon testing indicates that the indoor radon concentration is 2.7 pCi/L (100 Bq/m³) or greater, radon mitigation shall be conducted in accordance with ANSI/AARST ~~RMS-LB or ANSI/AARST RMS-MF~~ SGM-MFLB, and the building shall be retested to verify that the radon concentration is below 2.7 pCi/L (100 Bq/m³).

10.8.1 Documentation. The radon test reports shall be provided to the *owner* and shall be retained with the project records.

Modify Section 10.10.4 as follows:

10.10.4 Radon Mitigation. For buildings where radon mitigation is required under Section 10.8, operation, maintenance, and monitoring procedures shall include the following:

- a. Quarterly inspection and repair, as needed, of fans and other mechanical components
- b. Biennial inspection and repair as needed of all components of the mitigation system not addressed by Section 10.10.4(a), including, but not limited to, performance indicators and visible mitigation system components, piping, fasteners, supports, labels, soil-gas barrier closures at exposed membranes, sumps, and other openings between soil and interior space
- c. Radon testing in accordance with ~~AARST MALB~~ ANSI/AARST MA-MFLB. Where radon testing indicates that the indoor radon concentration is 2.7 pCi/L (100 Bq/m³) or greater, mitigation shall be performed in accordance with ~~AARST RMS-LB~~ ANSI/AARST SGM-MFLB. The building shall be retested and mitigation repeated as needed to achieve a radon concentration less than 2.7 pCi/L (100 Bq/m³). Radon testing shall be performed at intervals of not more than two years except where testing over the preceding eight years has not shown levels that exceed 2.7 pCi/L (100 Bq/m³). In that case, radon testing shall be performed at intervals of not more than five years.
- d. Documentation and retention of inspection and repair records and testing reports

Modify Section 11 as follows:

ANSI/AARST MA-MFLB 2023 Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings (10.8, 10.10.4)

ANSI/AARST SGM-MFLB 2023 Soil Gas Mitigation Standards for Existing Multifamily, School, Commercial and Mixed-Use Buildings (10.8, 10.10.4)

~~ANSI/AARST RMS-LB 2018 with 12/2020 revisions Radon Mitigation Standards for Schools and Large Buildings~~

~~ANSI/AARST MALB 2019/2014 with 1/2021 revisions Protocols for Measuring Radon and Radon Decay Products in School and Large Buildings~~

~~ANSI/AARST RMS-MF 2018 with 12/2020 revisions Radon Mitigation Standards for Multifamily Buildings~~

~~ANSI/AARST MAMF 2017 with 1/2021 revisions Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily Buildings~~

Public Review Draft

Proposed Addendum an to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (July, 2026)
(Draft Shows Proposed Changes to Current Standard)

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

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

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

© July 29, 2026 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 180 Technology Pkwy NW, Peachtree Corners, GA 30092. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

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



BSR/ASHRAE/ICC/USGBC/IES Addendum an to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* First Publication Public Review

© July 29, 2026 ASHRAE

This draft is covered under ASHRAE copyright. The appearance of any technical data or editorial material in this publication document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, design or the like and ASHRAE expressly disclaims such. Permission to republish or redistribute must be obtained from the MOS.

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

Foreword

This addendum simplifies the whole building life cycle assessment (WBLCA) path within the standard. It provides several options to allow jurisdictions to choose the level of stringency of the WBLCA. An additional jurisdictional option is provided to remove reporting of certain impact categories. It adds further clarification to supplement the requirements and options presented in ASTM E2921. It has the added benefit of aligning ASHRAE 189.1 and LEED v5.

[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 an to 189.1-2023

Modify Section 9.5 as follows:

9.5.2 Life Cycle Assessment (delete current Section 9.5.2 in its entirety)

Table 4-2 Requirements Determined by the Jurisdiction (Normative in IgCC)

Section	Title, Description and Directives	Jurisdictional Requirement
9.5.2	WBLCA – Inclusion of additional impact categories	no
9.5.2.2	WBLCA – ASTM E2921-compliant WBLCA compared with baseline building	no
9.5.2.3	WBLCA – limited scope WBLCA	no

9.5.2 Whole Building Life-Cycle Assessment (WBLCA). A cradle-to-grave whole building *life-cycle assessment* (WBLCA), including modules A1-A5, B1-B5, and C1-C4, shall be conducted. Operating energy (B6) and operating water use (B7) - shall be permitted to be included. The WBLCA shall comply with not less than one of the following: Sections

BSR/ASHRAE/ICC/USGBC/IES Addendum an to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* First Publication Public Review

9.5.2.1, 9.5.2.2, or 9.5.2.3.

The WBLCA report shall include results for the following primary impact categories using the default characterization method in Table 5 of ISO 21930 for the project location:

- a. GWP
- b. Ozone depletion potential
- c. Acidification potential
- d. Eutrophication potential
- e. Photochemical oxidant creation potential
- f. Depletion of nonrenewable energy resources

Data sets used in the development of the WBLCA shall be consistent with data sets utilized in ISO 14040/14044 compliant product LCAs and utilized in Product Category Rules development in accordance with ISO 21930 and/or EN 15804+A2.

[JO] The following additional impact categories shall be reported in the WBLCA: Land Use, Resource Depletion, and Human Health Effects.

9.5.2.1 Inclusion of Impact Reductions. The WBLCA shall be conducted in accordance with ASTM E2921, compared to a functionally equivalent baseline building developed for the same project, and demonstrate not less than 5% reductions in not less than three primary impact categories, one of which shall be GWP. The data sets, characterization methods, and any software or calculation tool used to develop the WBLCA and functionally equivalent building shall be the same.

[JO] 9.5.2.2 Comparison to Functionally Equivalent Buildings. The WBLCA shall be conducted in accordance with ASTM E2921 and compared to a functionally equivalent baseline building developed for the same project. The data sets, characterization methods, and any software or calculation tool used to develop the WBLCA and functionally equivalent building shall be the same.

[JO] 9.5.2.3 Limited Scope WBLCA. The WBLCA shall include the project's structure, enclosure, and *hardscape* materials.

11. NORMATIVE REFERENCES

Reference	Title	Section
ASTM E2921-22	Standard Practice for Minimum Criteria for Comparing Whole Building Life Cycle Assessments for Use with Building Codes, Standards, and Rating Systems.	<u>9.5.2, 9.5.2.1, 9.5.2.2</u>
<u>European Committee for Standardization (CEN)</u> <u>Rue de la Science 23B - 1040</u> <u>Brussels, Belgium</u> <u>+32 2 550 08 11</u> <u>www.cencenelec.eu/about-cen/</u>		
<u>EN15804+A2 (2019)</u>	<u>Sustainability of Construction Works – Environmental Product Declarations – Core Rules for the Product Category of Construction Products</u>	<u>9.5.2</u>
International Organization for Standardization (ISO) ISO Central Secretariat		

BSR/ASHRAE/ICC/USGBC/IES Addendum an to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* First Publication Public Review

Chemin de Blandonnet 8 CP 401 - 1214 Vernier, Geneva, Switzerland +41-22-749-01-11; www.iso.org		
ISO 14025:2006 <u>2026</u>	Environmental Labels and Declarations—Type III Environmental Declarations—Principles and Procedures <u>Environmental Labels and Declarations—Environmental statements and programmes— Environmental product declarations (EPDs)</u>	9.4.2
ISO 14040:2006	Environmental Management—Life Cycle Assessment—Principles and Framework	9.4.2, <u>9.5.2</u>
ISO 14044:2006	Environmental Management—Life Cycle Assessment—Requirements and Guidelines	9.4.2, <u>9.5.2</u>
ISO 21930:2017	Sustainability in Buildings and Civil Engineering Works—Core Rules for Environmental Product Declarations of Construction Products and Services	9.4.2, <u>9.5.2</u>

Substantive changes from March 30, 2026 public review of ANSI/FM 3265-2017, Spark Detection and Extinguishing Systems.

1.3 SYSTEM OF UNITS

Units of measurement used in this standard are United States (U.S.) customary units. These are followed by their arithmetic equivalents in International System (SI) units, enclosed in parentheses. The first value stated shall be regarded as the requirement. The converted equivalent value may be approximate. Appendix A lists the selected units and conversions to SI units for measures appearing in this standard. Conversion of U.S. customary units is in accordance with the American National Standards Institute (ANSI)/Institute of Electrical and Electronics Engineers (IEEE)/American Society for Testing Materials (ASTM) SI 10-97, "Standard for Use of the International System of Units (SI): The Modern Metric System." [ANSI/IEEE/ASTM SI 10.](#)

~~State any exception here, such as the following, which is used in many Hydraulics standards: Two units (liter and bar), outside of but recognized by SI, are commonly used in international fire protection and are used in this standard.~~

3.4 MANUFACTURER'S DESIGN, INSTALLATION OPERATIONAL AND MAINTENANCE INSTRUCTIONS

- 3.4.1 The product design, installations, operating, and maintenance instructions shall be provided for each spark extinguishing system and model of spark detector and extinguishing set. The instructions shall be complete and appropriate for the equipment. The instructions shall be marked with the document name, number, revision and or date. The following information is required for each sub-assembly (aka controls, detectors and extinguishing set):
- Identify piping component specifications to be used in accordance with NFPA 15, ~~2017 ed.~~, Ch. 5 requirements
 - Identify test and inspection frequencies in accordance with Section 12.5 requirements of NFPA 15, ~~2017 ed.~~
- 3.4.3 All wiring terminal designations and adjustment controls shall be clearly marked or labeled. Instructions for connection and setting shall be included in the instruction and operation manual. All field adjustments will be in accordance with manufacturer's instructions.

3.7 SPECIFICATIONS

- 3.7.1 All manufacturer-specified sensitivities, i.e. ignition source, distance and response time shall be verified during the examination. The sensitivity shall be expressed as the maximum distance from the spark (or ember) from which the detector will give consistent alarm responses in a specified time, not to exceed the manufacturer's specification. The manufacturer of a spark/ember detector shall specify the minimum size and maximum velocity of the spark or ember of the given fuel that the detection system is intended to detect.

4.20 SPARK DETECTOR SENSITIVITY TESTS

4.20.1 Requirement

The detectors shall be tested to determine a baseline/minimum response to a level of energy as delivered from a simulated spark traveling in ductwork. (See Figure 2)

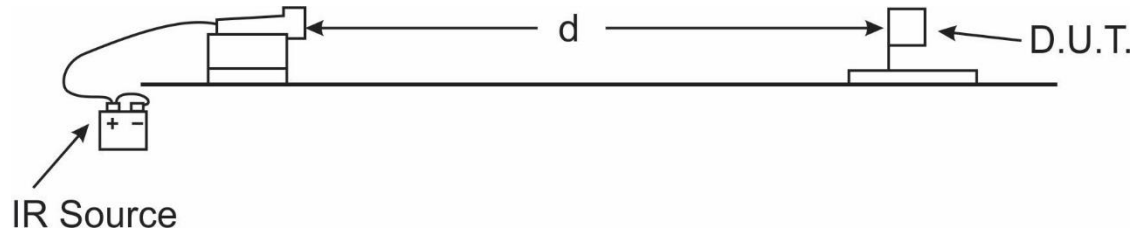


Figure 2

IR Source - Spark Simulator: GaAs Infrared Emitter with a peak wavelength of 900nm and set to an energy output of 400-500uw/sr at given distances. The spark simulator is pulsed for short durations to simulate the time would be visible within the HPFV of the detector. The times shown below assume a spark traveling 24 inches from the face of the detector, or at the midpoint of a 48 inch (1.2 m) duct. *Note: Measuring the sensitivity at ½ the duct diameter assumes a dual or redundant detector arrangement. D.U.T = Device Under Test.*

HPFV	Spark Duration in Seconds Min V = 200fpm (1mps)	Spark Duration in Seconds Max. V = 10kfpm (50mps)
30° or total of 60 degrees	0.66	0.012
45° or total of 90 degrees	1.21	0.024
60° or total of 120 degrees	2.4	0.048
75° or total of 150 degrees	4.8	0.096

4.21 FIELD OF VIEW

4.21.2 Test Verification

Tests are conducted on the spark simulator fixture that allow for off-axis measurement of the DUT to determine the Half Power Field of View (HPFV).

- The HPFV distance is = to ½ the D min. as determined in the on-axis testing of [4.20](#)
- The minimum angle for the HPFV will be verified in four quadrants (up/down/left/right) from on-axis to the spark simulator source. The minimum HPFV must match the manufacturer's specification and ensure that the entire duct is protected within the HPFV when installed in accordance with the manufacturer's instructions.

4.27 FLOW TEST (K-FACTOR) HYDRAULICS DISCHARGE COEFFICIENT

4.27.1 Requirement

Discharge coefficient tests shall be conducted on assemblies of each submitted orifice size to determine conformance within the certification requirements for the equivalent automatic sprinklers as stated in [Table 3.2.6](#) [Section 4.3](#) in FM Standard 2021, [2025](#). The mean value of the K-Factor shall be consistent with [Section](#)

Table 4.3.1 and 4.3.2 of FM Standard 2021, 2025 when tested as detailed below. Additionally, no individual values may fall outside of the stated range.

Not for publication. This document is part of the NSF standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by **grey highlighting**. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

Rationale: At the 2025 Joint Committee meeting, members voted to send the Section 8 issue paper to a JC ballot with the following revisions. This ballot proposes changes to how recycled and post-consumer content is calculated and credited in the standard. The R1 ballot was sent back to the task group due to comments, and the footnote in Table 8.2 was revised.

NSF/ANSI Standard for Sustainable Carpet –

Sustainability Assessment for Carpet

-
-
-

8.2 Materials content inventory (pre-requisite)

A manufacturer shall receive 2 points for documenting the bio-based, recycled, and EPP content in the product being certified. Recycled content shall be classified by post-industrial/pre-consumer or post-consumer materials in accordance with ISO 14021 and the FTC Environmental Marketing Guides.

8.3 Materials

A manufacturer shall document that a percentage of the material feedstock is composed of bio-based content, recycled content, or other EPP MATLs. EPP MATLs used in the product are designated as preferred utilizing an ISO 14040 compliant LCA when compared to the product being replaced. For recycled content materials, post-industrial/pre-consumer content shall be considered at 50%, post-consumer shall be considered at 100%, and post-consumer carpet content shall be considered at ~~150~~**200**%. ~~EPP and bio~~**Bio**-based materials shall be considered at 100%.

See Table [8.1](#) to determine percentage of each content type. A maximum of 20 points shall be awarded for demonstrating compliance with this section in accordance with Table [8.2](#).

8.3.1 Bio-based materials

-
-

Not for publication. This document is part of the NSF standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

•

8.3.32 Recycled content

Verification of recycled content in the product being certified shall be through formula review, supplier letter(s) and/or purchasing records.

8.3.43 Environmental preferable products

EPP MATLs used in the product are designated as preferred utilizing an ISO 14040 compliant LCA when compared to the product being replaced.

8.3.24 Packaging materials

A manufacturer shall receive 2 points for documenting that the certified products meet any two of the packaging requirements below:

- the certified product’s packaging weight is less than 2% of the total product weight
- the certified product’s packaging materials shall contain a minimum of 50% recycled content
- a minimum of 50% of the certified product’s packaging materials shall be considered recyclable and labeled as such
- the certified product’s packaging material shall not contain any heavy metals (lead, mercury, cadmium and hexavalent chromium) above 100 ppm by weight.

Note. Packaging materials do not include pallets used for shipping certified products.

Rationale: Section number 8.3.2 will be revised to section 8.4. Surrounding section numbering will be adjusted and reordered accordingly.

Table 8.1
Weighting of content type

Content type	Content detail	Percent	Weighting factor	Contribution %
recycled material	pre-consumer		0.5	
	post-consumer		1	
	post-consumer carpet content		1.52.0	
bio-based material	bio-based		1	
EPP	environmentally preferred product material		1	
			Total	

Not for publication. This document is part of the NSF standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

Table 8.2
Points awarded for manufacturer’s use of bio-based,
recycled content, or EPP MATLs

Bio-based, recycled content, and EPP total percent contribution weighted recycled content	Points awarded ^a
≥ 5%	2
≥ 10% or ≥ 10% post-consumer recycled content ^a	3
≥ 15%	4
≥ 20%	5
≥ 25%	6
≥ 30%	7
≥ 35%	8
≥ 40%	9
≥ 45%	10
≥ 50%	11
≥ 55%	12
≥ 60%	13
≥ 65%	14
≥ 70%	15
≥ 75%	16
≥ 80%	17
≥ 85%	18
≥ 90%	19
≥ 95%	20

^a 10% minimum post-consumer content by weight including a minimum of 5% post-consumer carpet content. ~~10% post-consumer recycled content~~ is a pre-requisite for Platinum.

9 Manufacturing

9.1 Scope

-
-
-

BSR/UL 5, Standard for Safety for Surface Metal Raceways and Fittings

1. Retire the Chromic Acid Drip Test Replace with X-Ray Method ASTM B568

PROPOSAL

13.2 Zinc coatings

13.2.1 A zinc coating shall cover a raceway or fitting part completely, adhere firmly at all points, be smooth and free from blisters or other defects that lessen the protective value, be in metal-to-metal contact with the ferrous metal, and be evenly distributed on each surface of the finished part. A zinc coating on an interior surface shall not have an average thickness of less than 0.00015 inch (0.0038 mm) nor a minimum thickness less than 0.0001 inch (0.0025 mm). A zinc coating on an exterior surface shall not have an average thickness less than 0.0005 inch (0.013 mm) nor a minimum thickness less than 0.0004 inch (0.0102 mm). ~~Any applicable method of determining the thickness of the zinc is satisfactory. When the results of any measurement are in doubt, the results of measurement by means of the test described in 17.1 — 17.10 are to be taken as conclusive.~~ For Galvanneal A40 the average total coating weight (both sides) shall be 0.40 Oz/ft² (120 g/m²). For A60 the average total coating weight (both sides) shall be 0.40 Oz/ft² (270 g/m²).

Exception: The zinc coating on the broad faces of a part that is formed from hot-dip-mill-galvanized steel sheet or coil is acceptable without investigation when both of the following apply to the unformed sheet or coil:

- a) *The sheet or coil comes from the steel mill with either of the standard surface markings "G40", "G60" or "A40", "A60," or with a proprietary coating identification. Large coils that are not surface marked shall have the "G40", "G60" or "A40", "A60," or the proprietary coating identification, marked on the mill certificate. These markings indicate that the zinc coating is designated G40, A40, G60 or A60 in conformance with Table 1 of the Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, ASTM A653/A653M, or has been determined to be equivalent to a standard G40, A40, G60 or A60 coating.*
- b) *Not less than 40 percent of the zinc is on any one side of the sheet or coil based on the minimum single-spot-test check-limit total for both sides of the sheet or coil of 0.50 oz/ft² (152 g/m²) specified in ASTM A653/A653M. The method of determining the weight of zinc coating per unit area (sum of the weights of coating on both sides of the sheet or coil) is to be any applicable method. However, in cases where the results of any measurement are in doubt, the results of measurements by means of the standard method or standard alternative method for galvanized sheets (coils included) described in the Standard Test Methods for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc Alloy Coatings, ASTM A90, are to be taken as conclusive.*

13.2.2 An annealed zinc coating (A40 and A60 or its proprietary equivalent included, G40 and G60 or its proprietary equivalent excluded) on steel sheet or coil that is bent, extruded, rolled, or otherwise formed after annealing, is to be considered damaged and not in compliance with the requirements when flaking or cracking of the zinc is visible under 25-power magnification at the outside radius of the formed area unless additionally nonmetallic-coated in the formed area.

17.3 Specimen(s) manufactured using zinc coated steel shall be subjected to a nondestructive excitation by an X-Ray Tube test in accordance with the Standard Test Method for Measurement of Coating Thickness by X-Ray Spectrometry ASTM B568. For specimens manufactured using galvanneal sheet the weight of coating shall be evaluated using ASTM A653/A653M, "Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process." Or any applicable method.

17.5 The galvaneal coating is considered to be not in compliance when:

- a) The average A40 total coating weight (both sides) is less than 0.40 Oz/ft² (120 g/m²), or
- b) The average A60 total coating weight (both sides) is less than 0.60 Oz/ft² (270 g/m²).

ULSE Inc. copyrighted material. Not authorized for further reproduction without permission from ULSE Inc.

Standard: UL 1004-10**Standard Title:** Standard for Pool Pump Motors**Date of Proposal:** July 31, 2026**Ballots & Comments Due:** August 31, 2026

SUMMARY OF TOPICS

The following changes in requirements are being proposed for your review:

1. Update the THP rating for DPPP motors

Need access to the full standard or a standard this proposal references? [Click here](#) to learn more about accessing our Standards. Technical Committee (TC) Members can find the latest copy of the standard from the My TCs page in our Collaborative Standards Development System (CSDS).

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Update the THP rating for DPPP motors

RATIONALE

Proposal submitted by: Lisa Murray, Nidec Motor Corporation

Energy conservation standards in 10 CFR, Part 431.485, Subpart Z, Dedicated-Purpose Pool Pump Motors include the small-size ($0.5 \leq \text{THP} < 1.15$) equipment class with a compliance date of September 28, 2027. UL 1004-10 clause 5.1 applies to motors greater than or equal to 1.15 THP. UL 1004-10 therefore needs to be updated to include the small-size equipment class.

PROPOSAL

5.1 A DPPP motor with a total horsepower (as defined in 2.6) greater than or equal to ~~4.15~~ 0.5 THP shall comply with 5.2 – 5.10 and 6.1 – 6.3.

BSR/UL 2040, Standard for Safety for Folding Rollaway Tables

1. Remove references of ASTM E162, The Standard for Surface Flammability of Materials Using a Radiant Heat Energy Source, from UL 2040

PROPOSAL

~~14 Radiant Panel Flame Spread Test~~

~~14.1 Test criteria~~

~~14.1.1 The flame spread index of a table top and bench material shall be determined in accordance with the Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source, ASTM E162.~~

~~14.1.2 The flame spread index shall be less than 200.~~

~~14.1.3 This method provides a laboratory test procedure for measuring and comparing the surface flammability of materials when exposed to a prescribed level of radiant heat energy. This method is intended to measure surface burning characteristics when exposed to fire.~~

~~14.2 Test specimens~~

~~14.2.1 Four test specimens, 18 inches (45.7 cm) in length by 6 inches (15.2 cm) in width, in the minimum and maximum thicknesses, are to be tested covering the thickness range to be considered. Specimens in intermediate thicknesses are also to be provided and shall be tested when the results obtained on the minimum or maximum thicknesses indicate inconsistent test results.~~

~~14.2.2 Material Ranges—When a material is to be considered in a range of colors, densities, melt flows, or reinforcement, four specimens representing those ranges are also to be provided.~~

~~14.2.3 Four specimens in the natural and in the most heavily pigmented dark color are to be provided and considered representative of the color range, when the burning characteristics are essentially the same. In addition, a set of specimens is to be provided in the heaviest organic pigment loading, unless the most heavily pigmented dark color includes the highest organic pigment level. When certain color pigments (for example, red, yellow, or other color types) are known to affect flammability characteristics, they are also to be provided.~~

~~14.2.4 Four specimens in the extremes of the densities, melt flows and reinforcement contents are to be provided and considered representative of the range, when the burning characteristics are essentially the same. When the burning characteristics are not essentially the same for all specimens representing the range, evaluation is to be limited only to the material in the densities, melt flows, and reinforcement contents tested, or additional specimens in intermediate densities, melt flows, and reinforcement contents are to be provided for tests.~~

BSR/UL 121201, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

1. Revision to add text from UL 60079-0 to Section 18.

PROPOSAL

18.6.1A Alternatively, the reference to the document number and revision level on the marking can be excluded if the location of the electronic documentation marked on the apparatus (e.g., URL, QRcode) involves an electronic search feature that makes the required documentation available by entering specific information that is required to be marked on the apparatus, such as any combination of model number, part number, serial number, date code, or other unique identifier.

ULSE Inc. copyrighted material. Not authorized for further reproduction without permission from ULSE Inc.