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CONTENTS

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Project Initiation Notification System (PINS)

Section 2.5.1 of the *ANSI Essential Requirements* (www.ansi.org/essentialrequirements) describes the Project Initiation Notification System (PINS) and includes requirements associated with a PINS Deliberation. Following is a list of PINS notices submitted for publication in this issue of ANSI Standards Action by ANSI-Accredited Standards Developers (ASDs). Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for information about American National Standards (ANS) maintained under the continuous maintenance option, as a PINS to initiate a revision of such standards is not required. Use 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.

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME/ANS RA-S-1.8-202x, Standard for Establishing Safety/Risk Analysis Methods for Nuclear Power Reactors Deployed for Space Applications (new standard)
Stakeholders: Individual, Vendor, University, Government Agency, National Laboratories/ Government Facilities, Owner.

Project Need: A U.S. governmental interagency space reactor standards working group (SWG) was convened by the National Aeronautics and Space Administration (NASA) in 2021 to address the limited standards and regulations in place specifically for space reactor design and safety. The convening memo requested support from the Standards Executives of six other federal agencies: Department of Defense (DOD), Department of Energy (DOE), Department of State (DOS), Department of Transportation (DOT), Environmental Protection Agency (EPA), and the Nuclear Regulatory Commission (NRC). The SWG performed an extensive review and compiled a list of relevant existing standards that should be a resource for future efforts [NASA/TM-20220004191]. The SWG recommended that three high-priority gaps be pursued through a consensus standards development process, as follows: • Safety and Risk Analysis Methods for Space Reactors • Testing Requirements for Space Reactors, including Facility Requirements •Safe Operating Practices

Interest Categories: AB-Designers, AS-Manufacturers, AU-Consultants ,AF-General Interest, AO-Owner, AI-Laboratory/Testing, AV-Trainers/Educators, AY-Government, AT-Regulators

This Standard would establish requirements to assess risks to members of the public associated with launch and subsequent operation of payloads containing nuclear fission reactors. This Standard would include, as appropriate and applicable, those technical elements generally accepted in Probabilistic Risk Assessment (PRA) Standards for hazard identification, screening, and characterization; assessment of component vulnerability and failure mechanisms/modes; system performance; and consequences, as well as new technical elements necessary to properly characterize risk and associated risk contributors unique to the mission life cycle of the reactor.

HPS (ASC N13) (Health Physics Society)

Amy Wride-Graney <awride-graney@burkinc.com> | 950 Herndon Parkway, Suite 450 | Herndon, VA 20170 www.hps.org

Revision

BSR HPS N13.53-202x, Control and Release of Technologically Enhanced Naturally Occurring Radioactive Material (TENORM) (revision of ANSI HPS N13.53 (R2026))
Stakeholders: Mining and mineral extraction industry, oil and gas industry, landfill operators, government regulators.

Project Need: Lack of uniform guidance and regulations regarding the control, use, and disposal of TENORM. This revision will incorporate previous input and comments from stakeholders along with any updates to referenced ANSI standards and state regulations.

Interest Categories: Government or Regulatory Agency, Professional Society, Trade Associate or Labor Union, Technical Expert

The standard provides general guidance for the control and release of Technologically Enhanced Naturally Occurring Radioactive Material (TENORM). Dose limits and release criteria for products and wastes containing TENORM are presented. The standard applies to the practices that use, process, recycle, or reuse, and distribute TENORM including generation and disposal of wastes.

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

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

New Standard

BSR/IICRC S320-202x, Standard for Professional Assessment, Cleaning, and Restoration of Contents (new standard)
Stakeholders: This document is written specifically for the contents restorer and remediator. It may also serve the needs of other MIPs, including but not limited to: personal property owners, building occupants, property managers, insurance representatives, third party administrators, and anyone seeking information on how to evaluate contents and to establish or understand a Restoration Work Plan (RWP) (e.g., distributors of commercial cleaning goods, equipment and consumables; building service contractors; managers and administrators of commercial facilities; manufacturers of goods and materials of contents covered in this standard; specification writers; design engineers; building engineers; architects; consultants; inspectors; health professionals).

Project Need: The restoration contents (personal property) cleaning industry does not currently have industry consensus standards on the proper principles, methods, and processes to clean and restore contents. There is a lack of consistent guidance on the assessment, inventory, pack-out, cleaning or restoration of contents. Having an ANSI standard for contents cleaning principles, methods and processes would provide guidance and a singular platform for the industry.

Interest Categories: Producer, User, and General Interest

This Standard provides the principles, methods, and processes to assess, inventory, handle, clean, restore, remediate, preserve, and transport contents, as a result of water, mold, trauma crime scene, fire and smoke damage. This Standard also addresses contractor qualifications, administrative requirements and procedures, development of the restoration work plan (RWP), and documentation of project-related events.

NEMA (ASC C12) (National Electrical Manufacturers Association)

Paul Orr <Pau_orr@nema.org> | 1300 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

New Standard

BSR C12.35-202x, Electricity Meters, Demand Metering (new standard)
Stakeholders: Meter manufacturers, Electrical Utilities, Test agencies.

Project Need: Industry need to address the art of demand metering.

Interest Categories: User, Producer and General Interest.

This standard covers the demand measuring and reporting functions of electronic integrating energy meters and pulse recording devices including corresponding time keeping functions. Demand Meters covered by this standard shall be of one of the form designations and current classes described in the Physical Aspects of Watthour Meters - Safety Standard, ANSI C12.10, and shall comply with all the requirements of ANSI C12.10.

NEMA (National Electrical Manufacturers Association)

Daniel Abbate <Daniel.Abbate@nema.org> | 1812 N Moore Street, Suite 2200 | Arlington, VA 22209 www.nema.org

Revision

BSR/NEMA EN 10250-2026-202x, Enclosures for Electrical Equipment (1000 Volts Maximum) (revision of ANSI/NEMA 10250-2024)
Stakeholders: Users, Producers, General Interest, Testing Laboratory

Project Need: Additional enclosure types are needed.

Interest Categories: Users, Producers, General Interest, Testing Laboratory

This Standard covers enclosures for electrical equipment rated not more than 1000 Volts and intended to be installed and used as follows: a. enclosures for indoor locations, Types 1, 2, 5, 12, 12K, and 13; and b. enclosures for indoor or outdoor locations, Types 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 6, and 6P; and c.enclosures for hazardous (classified) locations Types 7 and 9.

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-2-202x, Standard for Public Pool and Spa Operations and Maintenance (revision of ANSI/PHTA/ICC-2 -2023)
Stakeholders: Owners and operators of public pools, spas and aquatic venues; designers, builders, fabricators, manufacturers, installers, service companies, general contractors, plumbers, electricians, engineers, architects, retail businesses providing goods and services for swimming pools, spas and aquatic venues; regulatory bodies; building code officials; health code officials, plan examiners, inspectors, consultants and consumers.

Project Need: To provide updated recommended minimum guidelines that can be used by owners and operators of public pools, spas, and aquatic venues for the operation and maintenance of all types of public aquatic venues. It is also intended to be used by state and local authorities for adoption into state and local codes and standards. Commercial pool and spa service companies, water park operators, and public pool operators can also use this standard as the benchmark for the minimum standards to operate and maintain public aquatic venues.

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

This limited revision updates water quality requirements, referenced standards and related items only. This standard covers the operations and maintenance of public pools, spas, and other aquatic venues intended to operate with or within recreational water-quality standards.

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 568.5-A-202x, Balanced Single Twisted-pair Telecommunications Cabling and Components Standard (revision and redesignation of ANSI/TIA 568.5-2022, ANSI/TIA 568.5-1-2024)
Stakeholders: All users and manufacturers of telecommunications cabling systems

Project Need: Update standard

Interest Categories: User, Producer and General Interest

A single twisted-pair cabling and components standard to provide specifications and test procedures for cables, connectors, cords, links and channels using 1-pair connectivity in non-industrial (MICE1) premises telecommunications networks. This revision will incorporate 568.5 Addendum 1 and support for 100BASE-T1L (IEEE 802.3dg).

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 1801-202x, Standard for Safety for Power Distribution Systems and Related Modular Units for Information and Communications Technology Equipment (new standard)
Stakeholders: This standard will apply to a large cross section of groups and individuals. These specific individuals would include: Technology power supply groups and end product ICT groups (as they relate to data centers), related industry manufacturers

Project Need: To provide an ANSI approved standard, UL 1801, which provides the requirements for safety for power distribution systems and related modular units for information and communications technology equipment.

Interest Categories: AHJ, Producer, Testing & Standards Organization, General, Supply Chain, Government, Commercial/Industrial Users

The first issue of this standard covers: Power distribution systems (e.g., racks) and related modular units (e.g., sleds) intended for modern high-density Information and Communication Technology (ICT) infrastructure such as large-scale data centers and other commercial applications, supplied by source voltages up to 1 000 VAC or 1 500 VDC.

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 2877-202x, Standard for Safety for Medium Voltage Power Supplies (new standard)
Stakeholders: Manufacturers of medium voltage power supplies, data centers, and utilities

Project Need: This project will establish a US national standard for medium voltage power supplies. There is currently no standard for medium voltage power supplies, only an Outline of Investigation. Developing this standard fills that gap, helps drive consistency in the industry, and allows the industry to further refine the requirements for this equipment.

Interest Categories: Producer, Testing & Standards, Supply Chain, AHJ, Government, General, Commercial/Industrial User

UL 2877 covers power supplies with input voltage ratings above 1000 V up to 38 kV, and output voltage ratings up to 38 kV, including units incorporating SELV circuits. It applies to equipment intended for use in ordinary locations and to open or partially enclosed power supplies installed in equipment.

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 4501-202x, Standard for Safety, Performance and Interoperability of Liquid-Filled Components and Assemblies Used in Liquid Cooling Systems (new standard)
Stakeholders: This standard will apply to a large cross section of groups and individuals. These specific individuals would include: Technology based companies (in particular ICT groups as they relate to data centers), related industry manufacturers

Project Need: ULSE is seeking ANSI approval on a new joint standard for the US and Canada covering the safety of Interoperability of Liquid-Filled Components and Assemblies Used in Liquid Cooling Systems

Interest Categories: AHJ, Producer, Testing & Standards Organization, General, Supply Chain, Government, Commercial/Industrial Users

The first issue of this standard covers liquid-filled components (LFCs) and assemblies (LFAs) intended for use in the electrical and electronic equipment within the fields of audio, video, information, and communication technologies (ICTs), especially those used in high-density computing (HDC) rack systems demanding advanced cooling infrastructure to handle intense heat from AI/ML workloads.

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: April 19, 2026

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum ag to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
This Addendum results from review of updated reference standards. As part of that process some section numbers are changed and the applicability of the provisions of ASHRAE Standard 62.2 to the requirements in Section 8.3.3 are clarified. Additional clarifications are made in other sections as shown. This addendum does not substantially change the requirements of these sections. This DA reflects changes approved in Addendum a.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: April 19, 2026

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum ah to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
This addendum 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 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.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum p to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
This second public review ISC makes changes to the addendum that resulted from public review comments on the first publication public review. The addendum updates requirements for water system sub-metering and data storage and retrieval. This second PPR ISC modifies some of the thresholds that trigger monitoring requirements, removes monitoring requirements for adiabatic condenser blowdown, and adds a requirement for monitoring the supply to multiple small units which cumulatively exceed the applicable threshold. An Informative Note is added to provide examples of “unusual flow conditions”.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Revision

BSR/IICRC S220-202x, Standard for Professional Inspection of Hard Surface Floor Coverings (revision of ANSI/IICRC S220-2020)
This Standard describes the non-destructive procedures, methods, and systems for professional inspectors to follow when inspecting light commercial and residential hard surface floor coverings; including stone, laminate, wood, ceramic, and resilient.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://iicrc.org/s220/

Comment Deadline: April 19, 2026

ULSE (UL Standards and Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

Revision

BSR/UL 83A-202x, Standard for Safety for Fluoropolymer Insulated Wire (revision of ANSI/UL 83A-2016)
Revise the standard by proposing the following topics: 1. Test temperature tolerance 2. Terminology for oven 3. Clarification of color coating test parameters 4. Additional criteria for long term aging 5. Addition of conductor corrosion test 6. Laser Printing 7. Low temperature marking methods
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Mit Modi <mit.modi@ul.org>

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

Revision

BSR/UL 778-202x, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2024)
The requirements of this standard cover submersible and nonsubmersible motor-operated pumps intended to be used in ordinary locations in accordance with the National Electrical Code, NFPA 70. The aim of this project is to add requirements for the dielectric voltage withstand test of products with built in voltage limiting circuits.
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.org/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 943B-202x, Standard for Appliance Leakage-Current Interrupters (revision of ANSI/UL 943B-2017 (R2023))
A proposed New Edition of UL 943B (Fourth Ed.), Standard for Appliance Leakage-Current Interrupters.
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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1647-202x, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2025)
1. Warning label for 81.5: Use visuals instead of text only. 2. UL 1647 (Temperature Correction) 3. UL 1647 (Temperature Clarification)
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.org/ProposalAvailable

Comment Deadline: May 4, 2026

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC A-27-202x, ALTERNATING CURRENT (AC) GENERATOR SETS (revision of ANSI/ABYC A-27-2021)
This standard applies to the design, construction, and installation of alternating current (AC) generator sets intended for permanent installation and operation on boats.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ALI (ASC A14) (American Ladder Institute)

1300 Sumner Avenue, Cleveland, OH 44115-2851 | sorenga@thomasamc.com, www.americanladderinstitute.org

Revision

BSR ALI ASC A14.11-202x, Safety Requirements for Stepstools (revision of ANSI A14.11-2018)
This standard prescribes rules governing the safe construction, design, testing, care and use of wood, metal, plastic and reinforced plastic stepstools of various configurations for duty ratings of 200, 225, 250, 300 and 375 lbs., including those stepstools previously covered in other A14 standards which resemble conventional stepladders in their appearance. It does not cover special purpose stepstools that do not meet the general requirements of this standard, nor does it cover accessories that may be installed on or used in conjunction with stepstools. This standard does not apply to those products currently covered by ASC A14.7 (Mobile Ladder Stands and Mobile Ladder Stand Platforms).
Single copy price: Free
Obtain an electronic copy from: info@americanladderinstitute.org
Send comments (copy psa@ansi.org) to: American Ladder Institute: info@americanladderinstitute.org

API (American Petroleum Institute)

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

Reaffirmation

BSR/API RP 755-202x (R202x), Fatigue Prevention Guidelines for the Refining and Petrochemical Industries (reaffirmation of ANSI/API Standard RP 755-2019)
This document provides guidance on how to recognize, understand, and manage workforce fatigue in refineries, petrochemical and chemical operations, natural gas liquefaction plants, and other facilities such as those covered by the OSHA Process Safety Management Standard, 29 CFR 1910.119. The purpose of this recommended practice is to enable owners, operators, and on-site contractors to establish policies and procedures as well as fatigue risk management systems equivalent to the criteria outlined in this document with the intent to reduce risks to safe operations.
Single copy price: $194.00
Obtain an electronic copy from: asuiguid@api.org
Send comments (copy psa@ansi.org) to: Dane Asuigui <asuiguid@api.org>

Comment Deadline: May 4, 2026

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

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

Addenda

BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 140-2023, Method of Test for Evaluating Building Performance Simulation Software (addenda to ANSI/ASHRAE Standard 140-2023)
This addendum updates the Standard 140 acceptance criteria based on updated results from Building Energy Modeling software. The same procedure that was used for the existing ranges was used with the new results to calculate the updated ranges. One software, the Modelica Buildings Library, was added to the reference set of software for the calculations.
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

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

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

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BSR/ASHRAE/ICC/IES/USGBC Addendum af to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
This addendum is a follow-on to Addendum 189.1w (Definitions) in that it deals separately with definitions related to “space”. 189.1 includes several such definitions which just refer to 90.1. As with 189.1-2023 Addendum w (pending publication), this addendum brings the text of the 90.1 definitions into 189.1 rather than referring to 90.1. Some wording was modified for clarity or simplification with no change to the meaning of the term.
Single copy price: Free
Obtain an electronic copy from: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME BPVC Section II-202x, Part A - Ferrous Material Specifications Part B - Nonferrous Material Specifications Part D -Materials Properties (revision of ANSI/ASME BPVC Section II-2025)
Section II of the Boiler and Pressure Vessel Code provides material specifications for base metallic materials and material design values and limits and cautions on the use of materials
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Colleen Rodrigues <obrienc@asme.org>

Comment Deadline: May 4, 2026

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME BPVC Section XI-2027-202x, Section XI Rules for Inservice Inspection of Nuclear Reactor Facility Components (revision of ANSI/ASME BPVC Section XI-2025)
Section XI, Division 1 provides requirements for examination, testing, and inspection of components and systems, and repair/replacement activities in a nuclear power plant. Application of Division 1 begins when the requirements of the Construction Code have been satisfied. Section XI, Division 2 is a technology-neutral standard that provides requirements for protecting pressure integrity of structures, systems, and components (SSCs) that affect reliability. Application of Division 2 begins when the requirements of the Construction Code have been satisfied. It is applicable regardless of the Construction Code classification used for an SSC if the SSC is designated as important to the safety and reliability of an operating facility.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Miro-Quesada <miroquesada@asme.org>

ASSP (ASC A10) (American Society of Safety Professionals)

520 N. Northwest Hwy., Park Ridge, IL 60068 | LBauerschmidt@assp.org, www.assp.org

Revision

BSR/ASSP A10.16-202x, Safety Requirements for Tunnels, Shafts and Caissons (revision and redesignation of ANSI/ASSE A10.16-2009 (R2016))
The purpose of this standard is to establish reasonable and practical safety requirements and practices for the construction of tunnels, shafts and caissons.
Single copy price: $125.00
Obtain an electronic copy from: LBauerschmidt@assp.org
Send comments (copy psa@ansi.org) to: Lauren Bauerschmidt <LBauerschmidt@assp.org>

AWS (American Welding Society)

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

Revision

BSR/AWS D17.2/D17.2M-202x, Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2019)
This specification provides the general resistance welding requirements for aerospace hardware. It includes, but is not limited to, resistance spot and resistance seam welding of aluminum, magnesium, iron, nickel, cobalt, and titanium based alloys. There are requirements for machine qualification, welding schedule certification, production witness testing, and includes inspection and acceptance criteria for aerospace hardware.
Single copy price: Members: $42.00 / Non-members: $56.00
Obtain an electronic copy from: eesler@aws.org
Send comments (copy psa@ansi.org) to: Exsenet Esler eesler@aws.org

Comment Deadline: May 4, 2026

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CAN/CSA ISO 12617-2016 (R202x), Road Vehicles - Liquefied natural gas (LNG) refuelling connector - 3,1 MPa connector (reaffirmation of ANSI/CAN/CSA ISO 12617-2016 (R2021))
This International Standard specifies liquefied natural gas (LNG) refuelling nozzles and receptacles constructed entirely of new and unused parts and materials for road vehicles powered by LNG. An LNG refuelling connector consists of, as applicable, the receptacle and its protective cap (mounted on the vehicle) and the nozzle. This International Standard is applicable only to such devices designed for maximum working pressure of 3,4 MPa (34 bar) to those using LNG as vehicle fuel and having standardized mating components.
Single copy price: $105.00
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

CSA (CSA America Standards Inc.)

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

Revision

BSR Z21.66/CSA 6.14-202x, Automatic damper devices for use with gas-fired appliances (revision of CSA ANSI Z21.66-2023/CSA 6.14-2023)
This Standard applies to the construction, performance, and installation procedures for a newly produced automatic damper device herein referred to as “device” in this Standard, constructed entirely of new and unused parts and materials, and designed to be used with a gas-fired appliance listed by a nationally recognized certification body.
Single copy price: Free
Obtain an electronic copy from: Ansi.contact@CSAGroup.org
Send comments (copy psa@ansi.org) to: Ansi.contact@CSAGroup.org

CSA (CSA America Standards Inc.)

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

Revision

BSR/LC 1/CSA 6.26-202x, Fuel gas piping systems using corrugated stainless steel tubing (revision of ANSI LC 1 -2023/CSA 6.26-2023)
This Standard applies to fuel gas piping systems using corrugated stainless steel tubing (CSST), intended for installation in residential, commercial, or industrial buildings, and including the following components as a minimum: a) corrugated stainless steel tubing (CSST) piping systems not exceeding a size of 2 in (50.8 mm), based on the nominal inside diameter of the tubing; b) fittings for connection to the CSST; and c) striker plates to protect the installed CSST from puncture threats. Other components of piping systems covered by this Standard include gas manifolds, gas pressure regulators, manual gas valves, quick-disconnect devices, excess flow valves, and gas convenience outlets.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@CSAGroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@CSAGroup.org

Comment Deadline: May 4, 2026

HFES (Human Factors & Ergonomics Society)

2001 K Street, NW 3rd floor, Washington DC, DC 20006 | squevedo@hfes.org, www.hfes.org

Revision

BSR/HFES 400-202x, Human Readiness Level Scale in the System Development Process (revision and redesignation of ANSI/HFES 400-2021)
The Human Readiness Level (HRL) scale is a simple nine-level scale to evaluate, track, and communicate the readiness of a system for human use. The HRL scale is designed to complement and supplement the existing Technology Readiness Level (TRL) scale. Whereas the TRL scale focuses on technical maturity, the HRL scale focuses on readiness for human usability. The purpose of the HRL scale is to fully incorporate the human element of the system throughout the lifecycle, allowing humansystems integration issues to be captured and mitigated early in the design phase in order to reduce human error in the fielded system.
Single copy price: Free
Obtain an electronic copy from: hfes400@hfes.org
Send comments (copy psa@ansi.org) to: hfes400@hfes.org

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

1750 K Street NW, Washington, DC 20006 | info@itsdf.org, www.indtrk.org

Revision

BSR/ITSDF B56.9-202x, Safety Standard For Operator Controlled Industrial Tow Tractors (revision of ANSI/ITSDF B56.9-2019)
This Standard defines the safety requirements relating to the elements of design, operation, and maintenance of operator controlled industrial tow tractors up to and including 66750 N (15,000 lb) maximum rated drawbar pull of a non-braked load.
Single copy price: Free
Obtain an electronic copy from: info@itsdf.org
Send comments (copy psa@ansi.org) to: info@itsdf.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

New Standard

BSR NEMA WC 23100/ICEA S-129-755-202x, Standard for High Temperature Instrumentation and Control Cables for the Transmission and Distribution of Low Voltage Electrical Energy (new standard)
This standard specifies the materials, construction, and testing requirements for multiconductor control, instrumentation, and thermocouple extension cables rated up to and including 250□C, where insulation and jacket materials are the same, as defined in Table 3□1. These cables are used to transmit electrical signals for monitoring and control of electrical power systems and associated processes, including both system-interfaced control functions and inherently power-limited instrumentation circuits. Requirements for cables rated below 150□C are covered in ANSI/NEMA WC 57 / ICEA S-73-532.
Single copy price: $120.00
Obtain an electronic copy from: communication@nema.org
Send comments (copy psa@ansi.org) to: Khaled Masri <Khaled.Masri@nema.org>

Comment Deadline: May 4, 2026

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Stabilized Maintenance

BSR/NEMA WC 61-1992 (S202x), Transfer Impedance Testing (stabilized maintenance of ANSI/NEMA WC 61 -1992 (R2020))
This standard is intended to provide a reliable surface transfer impedance test method for coaxial cables and shielded multiconductor cables over the frequency range from DC to 100 MHz.
Single copy price: $57.00
Obtain an electronic copy from: communication@nema.org
Send comments (copy psa@ansi.org) to: Khaled Masri <Khaled.Masri@nema.org>

NENA (National Emergency Number Association)

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

New Standard

BSR/NENA/APCO-STA-051.2-202x, NENA/APCO Minimum Training and Operational Standards for TTY/TDD Communications in Public Safety Answering Points (new standard)
Revision of the standard to update the minimum training requirements for 9-1-1 Telecommunicators specific to providing direct and equal access to public safety services to people who use a TTY/TDD to communicate, in accordance with the Americans with Disabilities Act and Department of Justice requirements. Under consideration are technological advancements, such as Real-Time Text (RTT), and the knowledge, skills, competencies, and minimum training requirements associated.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=39853&wg_id=cbf8c61c-fc10-4565-acbd-018a06baea12
Send comments (copy psa@ansi.org) to: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=39853&wg_id=cbf8c61c-fc10-4565-acbd-018a06baea12

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i166r1), 53-2025: Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53 -2024)
It is the purpose of this standard to establish minimum requirements for materials, design and construction, and performance of POE and POU DWTS that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include POE DWTS used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems. This standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/82980/53i166r1%20-%20Orthophosphate%20Lead%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

Comment Deadline: May 4, 2026

SFIA (Steel Framing Industry Association)

513 W Broad Street, Suite 210, Falls Church, VA 22046-3257 | meredith@steelframing.org, www.steelframing.org

Revision

BSR/SFIA AISI S202-202x, Code of Standard Practice for Cold-formed Steel Structural Framing (revision of ANSI/AISI S202-2020)
The practices in this Code of Standard Practice are a model to address the design, fabrication, and installation of cold-formed steel (CFS) structural framing.
Single copy price: Free
Obtain an electronic copy from: https://buildsteel.org/engineer/s202-26-public-review-march2026/
Send comments (copy psa@ansi.org) to: https://www.steelframing.org/public-review-sfia-aisi-202-26-march2026

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Evanston, IL 60201 | Nia.Jones@UL.org, https://ulse.org/

Reaffirmation

BSR/UL 498C-2017 (R202x), Standard for Safety for Flatiron and Appliance Plugs (reaffirmation of ANSI/UL 498C-2017 (R2021))
Reaffirmation and continuance of the First Edition of the Standard for Safety for Flatiron and Appliance Plugs, UL 498C, as an standard
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.org/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: May 19, 2026

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME PTC 47-2020 (R202x), Integrated Gasification Combined Cycle Power Generation Plants (reaffirmation of ANSI/ASME PTC 47-2020)
This Code provides procedures for performance testing of integrated gasification combined cycle (IGCC) Power plants to determine fuel gas flow and quality, energy efficiency, heat rate, and power output at specified operating conditions. It also provides procedures to determine the flow and quality of cleaned fuel gas produced by the IGCC plant.
Single copy price: $180.00
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

Comment Deadline: May 19, 2026

CSA (CSA America Standards Inc.)

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

Revision

BSR/CSA HGV 4.4 (R202x), Gaseous hydrogen - Fuelling stations - Valves (revision of ANSI/CSA HGV 4.4-2021)
HGV 4.4 project will modify its current 2021 edition to include high flow requirements and breakaway force assessment to accommodate heavy-duty vehicles. Industry needs certified high flow dispenser valves and breakaway devices by the end of 2026. HGV 4.4 will update North American deviations to ISO 19880-3 that provides the requirements and test methods for the safety performance of high pressure gas valves that are used in gaseous hydrogen stations of up to the H70 designation.

Single copy price: $279.00
Obtain an electronic copy from: ansi.contact@csagroup.org
Order from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

Revision

BSR/UL 1261-202x, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261 -2017 (R2022))
The requirements of this standard cover permanently installed electric water heaters, rated 600 volts or less, for heating the water supplied through plumbing to separately heated public or private pools or tubs, in which swimming, wading, bathing, or partial or total immersion of persons, may be involved. Equipment covered may or may not be intended for use with external water circulating equipment, and is intended for installation in accordance with the National Electrical Code, NFPA 70. The following changes in requirements are being proposed for review: Topic 1. Revisions for Button/Coin Cell Batteries Based on Latest Version of UL 4200A. Topic 2. Removal of Withdrawn Referenced Standards. Topic 3. Alignment with ULSE Style Manual for UL Standards for Safety and Update to IEC Referenced Standard.
Single copy price: Free
Order from: https://www.shopulstandards.com
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.org/ProposalAvailable

Technical Reports Registered with ANSI

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

B11 (B11 Standards, Inc.)

179 Haw Creek Mews Dr. , Asheville, NC 28805 | cfelinski@b11standards.org, https://www.b11standards.org/

Revision

B11.TR10, Functional Safety of Artificial Intelligence for Machinery Applications (revision of technical report B11.TR10)
This technical report provides guidance for the implementation of functional safety principles in artificial intelligence (AI) programming when used as a means for machinery safety applications. These principles may include internal diagnostics such as component/system integrity during operation and external diagnostics such as environmental effects and communication networks. This technical report is not a replacement for embedded and application functional safety software requirements.
Send comments (copy psa@ansi.org) to: Chris Felinski <cfelinski@b11standards.org>

Project Withdrawn

RESNET (Residential Energy Services Network, Inc.)

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

BSR/RESNET/ICC 301-2022 Addendum D-202x, Appendix A Update (addenda to ANSI/RESNET/ICC 301-2022)
Send comments (copy psa@ansi.org) to: Richard Dixon <rick.dixon@resnet.us>

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

RESNET (Residential Energy Services Network, Inc.)

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

BSR/RESNET/ICC 301 Addendum G-202x, Integrated Heat Pump Water Heaters (addenda to ANSI/RESNET/ICC 301-2022)
Send comments (copy psa@ansi.org) to: Richard Dixon <rick.dixon@resnet.us>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 540 (I-P and SI)-2016, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units (new standard)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Jerry Yeh <jyeh2@ahrinet.org>

Final Actions on American National Standards

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

AAFS (American Academy of Forensic Sciences)

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

ANSI/ASB Std 196-2026, Standard for the Documentation and Processing of Shooting Scenes (new standard) Final Action Date: 3/10/2026 | *New Standard*

ASABE (American Society of Agricultural and Biological Engineers)

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

ANSI/ASABE/ISO 3463-2006 SEP2017 (R2020), Tractors for agriculture and forestry - Roll-over protective structures (ROPS) - Dynamic test method and acceptance conditions (withdrawal of ANSI/ASABE/ISO 3463-2006 SEP2017 (R2020)) Final Action Date: 3/9/2026 | *Withdrawal*

ASSP (ASC A10) (American Society of Safety Professionals)

520 N. Northwest Hwy., Park Ridge, IL 60068 | LBauerschmidt@assp.org, www.assp.org

ANSI/ASSP A10.37-2026, Debris Net Systems Used During Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.37-2016) Final Action Date: 3/10/2026 | *Revision*

ATIS (Alliance for Telecommunications Industry Solutions)

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

ANSI/ATIS 0600042-2026, Direct Contact Cooling Systems (new standard) Final Action Date: 3/10/2026 | *New Standard*

AWWA (American Water Works Association)

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

ANSI/AWWA C230-2026, Stainless-Steel Full-Encirclement Repair and Service Connection Clamps for 2-in. Through 12-in. (50-mm Through 300-mm) Pipe (revision of ANSI/AWWA C230-2021) Final Action Date: 3/12/2026 | *Revision*

B11 (B11 Standards, Inc.)

179 Haw Creek Mews Dr. , Asheville, NC 28805 | cfelinski@b11standards.org, https://www.b11standards.org/

ANSI B11.9-2010 (R2026), Safety Requirements for Grinding Machines (reaffirmation of ANSI B11.9-2010 (R2020)) Final Action Date: 3/10/2026 | *Reaffirmation*

CSA (CSA America Standards Inc.)

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

ANSI/CSA Z5030-2026, Residential equipment cold load pick up management (new standard) Final Action Date: 3/10/2026 | *New Standard*

ANSI/CSA HGV 4.10 (R2026), Standard for fittings for use in compressed gaseous hydrogen fueling stations (reaffirmation of ANSI/CSA HGV 4.10-2020) Final Action Date: 3/16/2026 | *Reaffirmation*

IES (Illuminating Engineering Society)

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

ANSI/IES RP-42-26, Recommended Practice: Dimming and Control Method Designations (revision of ANSI/IES RP-42 -20) Final Action Date: 3/16/2026 | *Revision*

NECA (National Electrical Contractors Association)

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

ANSI/NECA 416-2026, Recommended Practice for Installing Energy Storage Systems (ESS) (revision of ANSI/NECA 416 -2016) Final Action Date: 3/10/2026 | *Revision*

NSF (NSF International)

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

ANSI/NSF 49-2026 (i203r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2024) Final Action Date: 2/25/2026 | *Revision*

ANSI/NSF 53-2026 (i167r2), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2024) Final Action Date: 3/10/2026 | *Revision*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-227-A-2026, Adoption of IEC 61300-3-55:2020 Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-55:Examinations and measurements - Polarisation extinction ratio and keying accuracy of polarisation maintaining, passive, optical components (identical national adoption of IEC 61300-3-55:2020) Final Action Date: 3/9/2026 | *National Adoption*

ULSE (UL Standards and Engagement)

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

ANSI/UL 136-2026, Standard for Pressure Cookers (revision of ANSI/UL 136-2019) Final Action Date: 3/11/2026 | *Revision*

ANSI/UL 9540A-2026, Standard for Safety for Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems (revision of ANSI/UL 9540A-2025) Final Action Date: 3/13/2026 | *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.

ASHRAE

SSPC 189.1, Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings (The Complete Technical Content of the International Green Construction Code)

April 7, 2026 Application Deadline

See the committee website for the Purpose and Scope of the standard.
https://tpc.ashrae.org/?cmtKey=392575d0-6c7c-4568-92eb-f3543ba15e9a

EXPERTISE NEEDED: This call for members is open to all interested parties, but note that the committee has identified the following areas where expertise is needed:
+ Compliance and Enforcement: How building codes and standards are written for adoption and enforcement by jurisdictions.
+ **Site Sustainability:** Site development, stormwater management, mitigation of heat island effect, light pollution reduction, accommodations for on-site EV charging, and environmentally sensitive lands including, flood plains, wetlands, conservation areas, native plants, landscaping and biodiversity.
+ **Development and Construction**: Project management, cost estimation, sustainable site development management, plans and specifications, design-build process, health/safety/energy codes compliance, green building program compliance, product evaluation and selection, commissioning and the coordination of trades and specialty contractors
+ **Thermal and Environmental Conditions in Buildings**: Indoor air pollutants, ventilation, and thermal environmental conditions and their impact on human health, comfort and productivity.
+ **Visual and lighting quality**: The effect on human health, comfort and productivity of the visual environment, including light levels, light quality (glare, spectrum, etc.), views to and connection with the outdoors.
+ **Acoustics and Noise Control**: Acoustics, sound isolation, and building systems noise and vibration control, including familiarity with the activities of organizations such as INCE, ASA, and NCAC, as well as ASTM standards for sound isolation measurement.
+ **Facilities Management/O&M**: Expertise in planning for and the sustainable management of building facilities including preventive maintenance, service life planning, performance measurement, benchmarking and tracking, and how these operational elements are integrated into and facilitated by building design and construction.
+ **Materials and Resources**: Building material choices as they impact greenhouse gas emissions, waste, habitat destruction, and natural resource depletion, including sustainable and resilient product evaluation and selection, preferably from a multi-disciplinary and full life-cycle perspective.
+ **Nexus of water and energy use**: The link between these two critical resources given that the production of energy requires large volumes of water while the treatment and distribution of water is dependent upon readily available, low-cost energy.

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

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

ISA (Organization) - International Society of Automation

ISA is seeking volunteer committee members for the ISA113 Distributed Workflow System Integration. The scope of this committee will be to develop standards for abstract information models that enable the integration of procedural workflows across multiple vendor systems used in automation processes. The committee's work supports consistent, interoperable interfaces for orchestrated workflows involving equipment, software, and human operators. At this time, we are looking for volunteers of all interest categories as defined below.

a) User – Individuals who are involved in using the type of product that is the topic of the standard, but who are not involved with the production or distribution of that type of product.
b) Producer – Individuals who are involved in the production of the type of product. This includes individuals involved in the design, engineering support, manufacturing, testing, and/or marketing of the type of product; and who are employed by or represent a producer (manufacturer/vendor) of the type of product. –
c) Regulatory/Government – Individuals who represent governmental entities having regulatory interest in or influence over the type of product.
d) Testing/Certification/Approval – Individuals who represent organizations that provide testing, certification, and/or approval of the type of product.
f) General – Individuals who do not meet any of the preceding interest categories. This may include, but is not limited to, experts from academia, professional associations, and experts who are retired or do not receive funding for their standards activities from any related organization.

This call for volunteers will be open for 30 days from the date of publication. Interested parties can apply to this committee by filling out the form found at the link below.

https://www.isa.org/standards-and-publications/isa-standards/join-a-standards-committee

For inquiries please contact: Eliana Brazda, International Society of Automation (ISA (Organization)) | 3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | (919) 990-9228, ebrazda@isa.org

ANSI Accredited Standards Developer

ULSE - UL Standards and Engagement

ULSE (UL Standards & Engagement)
1603 Orrington Ave, Suite 2000, Evanston, IL 60201 USA I megan.monsen@ul.org, www.ulse.org
BSR/UL 22, Standard for Amusement and Gaming Machines
Interested candidates should complete the online TC Application.

ANSI Accredited Standards Developer

ULSE - UL Standards and Engagement

ULSE (UL Standards & Engagement)
1603 Orrington Ave, Suite 2000, Evanston, IL 60201 USA I megan.monsen@ul.org, www.ulse.org
BSR/UL 111, Standard for Multioutlet Assemblies
Interested candidates should complete the online TC Application.

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-27-202x, ALTERNATING CURRENT (AC) GENERATOR SETS (revision of ANSI/ABYC A-27-2021)
Interest Categories: Soliciting for membership categories: Manufacturer - Accessory; Insurance/Survey; Consumer

API (American Petroleum Institute)

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

BSR/API RP 755-202x (R202x), Fatigue Prevention Guidelines for the Refining and Petrochemical Industries (reaffirmation of ANSI/API Standard RP 755-2019)
Interest Categories: Interest Categories: API is seeking new members to join the consensus body, and specifically under-represented interests in the manufacturer/service supplier and general interest categories.

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PTC 47-2020 (R202x), Integrated Gasification Combined Cycle Power Generation Plants (reaffirmation of ANSI/ASME PTC 47-2020)

ASSP (ASC A10) (American Society of Safety Professionals)

520 N. Northwest Hwy., Park Ridge, IL 60068 | LBauerschmidt@assp.org, www.assp.org

BSR/ASSP A10.16-202x, Safety Requirements for Tunnels, Shafts and Caissons (revision and redesignation of ANSI/ASSE A10.16-2009 (R2016))

AWS (American Welding Society)

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

BSR/AWS D17.2/D17.2M-202x, Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2019)

NEMA (National Electrical Manufacturers Association)

1812 N Moore Street, Suite 2200, Arlington, VA 22209 | Daniel.Abbate@nema.org, www.nema.org

BSR/NEMA EN 10250-2026-202x, Enclosures for Electrical Equipment (1000 Volts Maximum) (revision of ANSI/NEMA 10250-2024)

NSF (NSF International)

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

BSR/NSF 53-202x (i166r1), 53-2025: Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53 -2024)

PHTA (Pool and Hot Tub Alliance)

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

BSR/PHTA/ICC-2-202x, Standard for Public Pool and Spa Operations and Maintenance (revision of ANSI/PHTA/ICC -2-2023)

TIA (Telecommunications Industry Association)

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

BSR/TIA 568.5-A-202x, Balanced Single Twisted-pair Telecommunications Cabling and Components Standard (revision and redesignation of ANSI/TIA 568.5-2022, ANSI/TIA 568.5-1-2024)

ULSE (UL Standards and Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

BSR/UL 83A-202x, Standard for Safety for Fluoropolymer Insulated Wire (revision of ANSI/UL 83A-2016)

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | hilal.elmisilmani@ul.org, https://ulse.org/

BSR/UL 1261-202x, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261 -2017 (R2022))

ULSE (UL Standards and Engagement)

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

BSR/UL 1801-202x, Standard for Safety for Power Distribution Systems and Related Modular Units for Information and Communications Technology Equipment (new standard)

ULSE (UL Standards and Engagement)

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

BSR/UL 4501-202x, Standard for Safety, Performance and Interoperability of Liquid-Filled Components and Assemblies Used in Liquid Cooling Systems (new standard)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

AABC - Associated Air Balance Council

Effective March 11, 2026

The reaccreditation of **AABC - Associated Air Balance Council** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AABC-sponsored American National Standards, effective **March 11, 2026**. For additional information, please contact: Raymond Bert, Associated Air Balance Council (AABC) | 1015 18th St. NW, Suite 603, Washington, DC 20036 | (202) 737-0202, info@aabc.com

Approval of Reaccreditation – ASD

ASA (ASC S1) - Acoustical Society of AmericaAcoustics

Effective March 11, 2026

The reaccreditation of the **Acoustical Society of American-sponsored ASC S1, Acoustics** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASA (ASC S1)-sponsored American National Standards, effective **March 11, 2026**. For additional information, please contact: Nancy Blair-DeLeon, Acoustical Society of America (ASA (ASC S1)) | 1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | (516) 576-2341, standards@acousticalsociety.org

Approval of Reaccreditation – ASD

ASA (ASC S12) - Noise

Effective March 11, 2026

The reaccreditation of **Acoustical Society of America-sponsored ASC S12, Noise** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASA (ASC S12)-sponsored American National Standards, effective **March 11, 2026**. For additional information, please contact: Nancy Blair-DeLeon, Acoustical Society of America (ASA (ASC S12)) | 1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | (516) 576-2341,standards@acousticalsociety.org

Approval of Reaccreditation – ASD

ASA (ASC S2) - Mechanical Vibration and Shock

Effective March 11, 2026

The reaccreditation of **Acoustical Society of America-sponsored ASC S2, Mechanical Vibration and Shock** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASA (ASC S2)-sponsored American National Standards, effective **March 11, 2026**. For additional information, please contact: Nancy Blair-DeLeon, Acoustical Society of America (ASA (ASC S2)) | 1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | (516) 576-2341, standards@acousticalsociety.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ASA (ASC S3) - Bioacoustics

Effective March 11, 2026

The reaccreditation of **Acoustical Society of America-sponsored ASC S3, Bioacoustics** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASA (ASC S3)-sponsored American National Standards, effective **March 11, 2026**. For additional information, please contact: Nancy Blair-DeLeon, Acoustical Society of America (ASA (ASC S3)) | 1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | (516) 576-2341, standards@acousticalsociety.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

A3 - Association for Advancing Automation

Meeting Time: Monday, November 2, 2026; 10:00 AM – 5:00 PM (Eastern Time) / 7:00 AM – 2:00 PM (PT)

ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety

Meeting Format & Location: Hybrid; In-person in Detroit, MI; Remote via Teams

Meeting Sponsor/Host: A3, the Association for Advancing Automation

Purpose: Meeting of drafting committee for maintenance of standard R15.06 and development/maintenance of related U.S. Technical Reports (TRs)

Day/Date/Time for Hybrid Session:
Monday, November 2, 2026; 10:00 AM – 5:00 PM (Eastern Time) / 7:00 AM – 2:00 PM (PT)

For More Information: Contact Maren Roush, mroush@automate.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASA (ASC S1) - Acoustical Society of America Acoustics

Meeting Time: May 2026

2026 ASA Standards Spring Meeting Schedule

MAY
ASACOS and Steering meetings are being held virtually. For access via ZOOM, please contact Nancy A. Blair-DeLeon, ASA Standards Manager at nblairdeleon@acousticalsociety.org.

Meeting of ASACOS Steering: Tuesday, 5/5/2026, 11:00 AM EST, Virtual via ZOOM

Meeting of ASACOS: Tuesday, 5/5/2026, 2:00 PM EST, Virtual via ZOOM

ASA Plenary and Accredited Standards Committee meetings will be held in conjunction with the 190th Meeting of the Acoustical Society of America at the Philadelphia Marriott Downtown Hotel, Philadelphia, Pennsylvania. For more information, visit our website at https://asastandards.org/#meetings or email us at Standards@acousticalsociety.org.

ASA Standards Plenary Tuesday, 05/12/2026, 8:00 AM EST, Philadelphia, PA

ASC S12, Noise: Tuesday, 05/12/2026, 9:15 AM EST, Philadelphia, PA

ASC S2, Mechanical Vibration and Shock: Tuesday, 05/12/2026, 10:30 AM EST, Philadelphia, PA

ASC S3, Bioacoustics: Tuesday, 05/12/2026, 12:15 PM EST, Philadelphia, PA

ASC S3/SC1, Animal Bioacoustics: Tuesday, 05/12/2026, 1:30 PM EST, Philadelphia, PA

ASC S1, Acoustics: Tuesday, 05/12/2026, 2:45 PM EST, Philadelphia, PA

ANSI Accredited Standards Developer

ASSP (Safety) - American Society of Safety Professionals

Meeting Time: April 28th – April 30th, 2026

Meeting: April 28th – April 30th, 2026
The American Society of Safety Professionals (ASSP) is the secretariat for the ASSP Z359 Committee for Fall Protection. The next Z359 meeting will take place in person on April 28th – April 30th, 2026. Those interested in participating can contact ASSP for additional information at ARoessingZewe@assp.org.

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IAPMO (International Association of Plumbing & Mechanical Officials)

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.

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

Teresa Ambrosius
tambrosius@aafs.org

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

Emily Parks
eparks@abycinc.org

ALI (ASC A14)
American Ladder Institute
1300 Sumner Avenue
Cleveland, OH 44115
www.americanladderinstitute.org

Susan Orenga
sorenga@thomasamc.com

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

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

Terrell Henry
ansibox@asme.org

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

Lauren Bauerschmidt
LBauerschmidt@assp.org

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

Mignot Asefa
masefa@atis.org

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

Exsenet Esler
eesler@aws.org

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

Madeline Rohr
mrohr@awwa.org

B11
B11 Standards, Inc.
179 Haw Creek Mews Dr.
Asheville, NC 28805
https://www.b11standards.org/

Chris Felinski
cfelinski@b11standards.org

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

Thuy Ton
ansi.contact@csagroup.org

HFES
Human Factors & Ergonomics Society
2001 K Street, NW 3rd floor
Washington DC, DC 20006
www.hfes.org

Silvia Quevedo
squevedo@hfes.org

HPS (ASC N13)
Health Physics Society
950 Herndon Parkway, Suite 450
Herndon, VA 20170
www.hps.org

Amy Wride-Graney
awride-graney@burkinc.com

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

Patricia McGillicuddy
pmcgillicuddy@ies.org

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

Mili Washington
mwashington@iicrcnet.org

ITSDF
Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Washington, DC 20006
www.indtrk.org

Ryan Crane
info@itsdf.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
National Electrical Manufacturers Association
1812 N Moore Street, Suite 2200
Arlington, VA 22209
www.nema.org

Daniel Abbate
Daniel.Abbate@nema.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

Paul Orr
Pau_orr@nema.org

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

Khaled Masri
Khaled.Masri@nema.org

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

Allan Rose
arose@nsf.org

Monica Milla
mmilla@nsf.org

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

Blake Pavlik
bpavlik@phta.org

SFIA
Steel Framing Industry Association
513 W Broad Street, Suite 210
Falls Church, VA 22046
www.steelframing.org

Meredith Perez
meredith@steelframing.org

TIA
Telecommunications Industry Association
1320 North Courthouse Road, Suite 200
Arlington, VA 22201
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ULSE
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https://ulse.org/

Megan Van Heirseele
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UL Standards and Engagement
1603 Orrington Ave
Evanston, IL 60201
https://ulse.org/

Nia Jones
Nia.Jones@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

Agricultural food products (TC 34)

ISO/DIS 22000, Food safety management systems - Requirements for any organization in the food chain - 5/30/2026, $102.00

ISO/DIS 25134, Vegetable, algae, fungi and micro-organisms proteins used for food products - Specifications - 5/29/2026, $40.00

ISO/DIS 25349, Meat, fish and their products - Determination of arsenic, cadmium, chromium, lead, and mercury content - Inductively coupled plasma mass spectrometry (ICP-MS) method - 5/31/2026, $53.00

Aircraft and space vehicles (TC 20)

ISO/DIS 18170, Aerospace series - AC induction electric motor driven, variable delivery, hydraulic pumps - General requirements - 5/29/2026, $125.00

Applications of statistical methods (TC 69)

ISO/DIS 8023, Statistical methods - Six Sigma - Design for Six Sigma - 5/29/2026, $102.00

Clinical laboratory testing and in vitro diagnostic test systems (TC 212)

ISO/DIS 23640, In vitro diagnostic medical devices - Evaluation of stability of in vitro diagnostic reagents - 5/30/2026, $58.00

Compressors, pneumatic tools and pneumatic machines (TC 118)

ISO/DIS 11148-13, Hand-held non-electric power tools - Safety requirements - Part 13: Fastener driving tools - 5/28/2026, $125.00

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

ISO/DIS 22132, Guidelines for barcode usage in trade documents - 5/30/2026, $58.00

Iron ores (TC 102)

ISO/DIS 21826-2, Iron ores - Determination of total iron content using the EDTA photometric titration method - Part 2: Fusion decomposition method - 5/30/2026, $71.00

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

ISO/DIS 13503-5, Oil and gas industries including lower carbon energy - Completion fluids and materials - Part 5: Measuring conductivity of proppants - 5/29/2026, $33.00

Nuclear energy (TC 85)

ISO/DIS 24389-2, Management of radioactive waste from nuclear facilities - Part 2: Predisposal - 6/1/2026, $82.00

Paints and varnishes (TC 35)

ISO/DIS 22706, Paints and varnishes - Determination of the dynamic surface tension of liquids using bubble pressure tensiometry - 6/4/2026, $53.00

ISO/DIS 24959, Paints and varnishes - Competency requirements of coating inspectors - 6/1/2026, $62.00

Paper, board and pulps (TC 6)

ISO/DIS 3038, Corrugated fibreboard - Determination of the water resistance of the glue bond by immersion - 6/4/2026, $53.00

ISO/DIS 25075, Lignins - Determination of particle size distribution in kraft lignin, soda lignin and hydrolysis lignin - 5/29/2026, $62.00

Petroleum products and lubricants (TC 28)

ISO/DIS 25564, Petroleum and related products-Determination of the ignition quality of diesel fuels - Air flow regulation method - 6/4/2026, $58.00

Plastics (TC 61)

ISO/DIS 26723, Plastics - Determination of total luminous transmittance and reflectance - 5/28/2026, $62.00

Road vehicles (TC 22)

ISO/DIS 21111-5, Road vehicles - In-vehicle Ethernet - Part 5: Optical 1-Gbit/s physical layer system requirements and test plans - 5/31/2026, $146.00

Soil quality (TC 190)

ISO/DIS 25251, Soil quality - Determination of inorganic arsenic species in soils and soil-like materials - 6/4/2026, $71.00

ISO/DIS 11268-1, Soil quality - Effects of pollutants on earthworms - Part 1: Determination of acute toxicity to Eisenia fetida/Eisenia andrei and other earthworm species - 5/29/2026, $98.00

Sterilization of health care products (TC 198)

ISO/DIS 11138-6, Sterilization of health care products - Biological indicators - Part 6: Biological indicators for vaporized hydrogen peroxide sterilization processes - 6/4/2026, $71.00

(TC 333)

ISO/DIS 12380, Lithium carbonate - Determination of insoluble particles in acid by gravimetry - 5/29/2026, $40.00

Textiles (TC 38)

ISO/DIS 24881, Textiles - Synthetic monofilament yarns - Test method for bending resistance properties - 6/4/2026, $46.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 4254-19.3, Agricultural machinery - Safety - Part 19: Feed processing machines - 6/12/2023, $119.00

Transport information and control systems (TC 204)

ISO/DIS 21717, Intelligent transport systems - Partially Automated In-Lane Driving Systems (PADS) - Performance requirements and test procedures - 6/4/2026, FREE

Water re-use (TC 282)

ISO/DIS 20468-11, Performance evaluation of treatment technologies for water reuse systems - Part 11: Guidelines for nanoporous adsorbents - 6/4/2026, $62.00

Welding and allied processes (TC 44)

ISO/DIS 17660-1, Welding and allied processes - Welding of reinforcing steel - Part 1: Load-bearing welded joints - 5/28/2026, $119.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23988, Information technology - A code of practice for the use of information technology (IT) in the delivery of assessments - 5/28/2026, $119.00

ISO/IEC DIS 26637, Information technology - Natural Language Interaction Protocol (NLIP) - 5/28/2026, $46.00

ISO/IEC DIS 26638, Information technology - Binding of the Natural Language Interaction Protocol (NLIP) over HTTP/HTTPS - 5/28/2026, $29.00

ISO/IEC DIS 26639, Information technology - Binding of the Natural Language Interaction Protocol (NLIP) over WebSocket - 5/28/2026, $33.00

ISO/IEC DIS 26640, Information technology - Binding of the Natural Language Interaction Protocol (NLIP) over AMQP - 5/28/2026, $46.00

ISO/IEC DIS 26641, Information technology - Security profiles for Natural Language Interaction Protocol (NLIP) - 5/28/2026, $53.00

ISO/IEC DIS 19788-4, Information technology for learning, education and training - Metadata for learning resources - Part 4: Technical elements - 5/30/2026, $71.00

ISO/IEC DIS 23220-7, Cards and security devices for personal identification - Building blocks for identity management via mobile devices - Part 7: Registration authority procedures for mobile document - 5/29/2026, $67.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/1201/CD, IEC 61810-2 ED4: Electromechanical elementary relays - Part 2: Reliability, 05/08/2026

94/1202/CD, IEC 61810-2-1 ED3: Electromechanical elementary relays - Part 2-1: Reliability - Procedure for the verification of B₁₀ values, 05/08/2026

94/1203/CD, IEC 61810-3 ED2: Electromechanical elementary relays - Part 3: Relays with forcibly guided (mechanically linked) contacts, 05/08/2026

94/1206/CD, IEC 61812-1 ED4: Time relays and coupling relays for industrial and residential use - Part 1: Requirements and tests, 05/08/2026

94/1204/CD, IEC 62314 ED3: Solid-state relays - Safety requirements, 05/08/2026

94/1205/NP, PNW 94-1205 ED1: Electrical relay as interface for use in power applications (industrial and residential use), 06/05/2026

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

100/4464/NP, PNW 100-4464 ED1: Requirements for Sensor Data Store System Employing Data Container, 05/08/2026

Automatic controls for household use (TC 72)

72/1530(F)/FDIS, IEC 60730-2-5 ED5: Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems, 03/27/2026

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

46C/1331/CDV, IEC 62783-3 ED1: Twinax cables for digital communication - Part 3: Family specification - Cable for SAS physical interfaces, 06/05/2026

46/1080/CD, IEC 63466-3 ED1: Leaky waveguide - Part 3: Sectional specification for rigid rectangular leaky waveguides, 05/08/2026

46F/740/NP, PNW TS 46F-740 ED1: Radio frequency connectors - Part 1-11: Standardization of magnetic property evaluation methods for non□magnetic high□frequency connectors, 06/05/2026

Electric cables (TC 20)

20/2288/FDIS, IEC 60800/AMD1 ED4: Amendment 1 - Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation, 04/24/2026

Electric welding (TC 26)

26/783/CDV, IEC 62822-2 ED2: Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz) - Part 2: Arc welding equipment, 06/05/2026

Electrical accessories (TC 23)

23B/1603/CDV, IEC 60884-2-4 ED4: Plugs and socket-outlets for household and similar purposes - Part 2-4: Particular requirements for plugs and socket-outlets for SELV, 06/05/2026

23/1177/CD, IEC 61535-1 ED1: Installation couplers intended for permanent connection in fixed installations - Part 1: Installation couplers for AC-side of photovoltaic (PV) systems, 05/08/2026

23B/1602/CDV, IEC 63418 ED1: Fixed accessories intended for household and similar purposes that supply power through an interface, 05/08/2026

Electrical apparatus for explosive atmospheres (TC 31)

31/1958(F)/FDIS, IEC 60079-0 ED8: Explosive atmospheres - Part 0: Equipment - General requirements, 03/27/2026

Electrical equipment in medical practice (TC 62)

62C/972(F)/CDV, IEC 60601-2-92 ED1: Medical electrical equipment - Part 2-92: Particular requirements for the basic safety and essential performance of magnetic resonance guided radiotherapy equipment for use with external beam equipment, 05/08/2026

62D/2294/FDIS, ISO 80601-2-13/AMD1 ED2: Amendment 1 - Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation, 04/24/2026

62B/1407/NP, PNW TS 62B-1407 ED1: Single fault conditions of magnetic resonance equipment and other considerations for magnetic resonance conditional implant assessments, 06/05/2026

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

104/1175/CD, IEC 60068-2-66 ED2: Environmental testing - Part 2: Test methods - Test Cx: Damp heat, steady state (unsaturated pressurized vapour), 05/08/2026

104/1170/CD, IEC TR 63723 ED1: IEC TR 60068-2-XX - Salt aerosol testing method with concentration and relative humidity controlled, 05/08/2026

Fibre optics (TC 86)

86B/5193/CDV, IEC 60876-1 ED6: Fibre optic interconnecting devices and passive components - Fibre optic spatial switches - Part 1: Generic specification, 06/05/2026

86B/5192/CDV, IEC 61202-1 ED5: Fibre optic interconnecting devices and passive components - Fibre optic isolators - Part 1: Generic specification, 06/05/2026

86B/5213/CD, IEC 61753-085-03 ED1: FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS - PERFORMANCE STANDARD - Part 085-03: Non-connectorized single-mode pigtailed CWDM devices for category OP - Outdoor protected environment, 05/08/2026

86B/5214/CD, IEC 61753-085-06 ED1: FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS - PERFORMANCE STANDARD - Part 085-06: Non-connectorized single-mode pigtailed CWDM devices for category OP+ - Extended outdoor protected environment, 05/08/2026

86B/5212/CD, IEC 61754-7-4 ED1: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7-4: Type MPO connector family - One fibre row 16 fibres wide, 05/08/2026

High-voltage testing techniques (TC 42)

42/473/CDV, IEC 63405 ED1: High-voltage test techniques - Dielectric loss measurements "PROPOSED HORIZONTAL STANDARD", 06/05/2026

Industrial-process measurement and control (TC 65)

65B/1304(F)/FDIS, IEC 61298-1 ED3: Process measurement and control devices - General methods and procedures for evaluating performance - Part 1: General considerations, 04/03/2026

Instrument transformers (TC 38)

38/847/CDV, IEC 61869-9/AMD1 ED1: Amendment 1 - Instrument transformers - Part 9: Digital interface for instrument transformers, 06/05/2026

Lamps and related equipment (TC 34)

34D/1807/CDV, IEC 60598-2-12 ED3: Luminaires - Part 2-12: Particular requirements - Mains socket-outlet mounted nightlights, 06/05/2026

34/1429/CDV, IEC 63535 ED1: Germicidal equipment - Germicidal UV luminaires - Radiation safety, 06/05/2026

34/1442/NP, PNW 34-1442 ED1: Lighting systems - Electro-mechanical interfaces - Part 2-2: Two-contact and luminaire interface Type ZB20, 06/05/2026

Magnetic components and ferrite materials (TC 51)

51/1612/FDIS, IEC/IEEE 61007-389 ED1: Transformers and inductors for use in electronic and telecommunication equipment - Part 389: Measuring methods and test procedures, 04/24/2026

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1188/CD, IEC 62388/AMD1 ED2: Amendment 1 - Maritime navigation and radiocommunication equipment and systems - Shipborne radar - Performance requirements, methods of testing and required test results, 05/08/2026

Nuclear instrumentation (TC 45)

45A/1644/CDV, IEC/IEEE 60780-323 ED2: Nuclear facilities - Electrical equipment important to safety - Qualification, 06/05/2026

Rotating machinery (TC 2)

2/2303/CD, IEC 60034-39-1 ED1: Adjustable speed hydro power units including pumped storage application - Terms and definition, 05/08/2026

Safety of household and similar electrical appliances (TC 61)

61C/939/CDV, IEC 60335-2-89 ED4: Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor, 05/08/2026

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

66/878/CDV, IEC 61010-2-030 ED4: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for equipment having testing or measuring circuits, 06/05/2026

66/877/CDV, IEC 61010-2-032 ED6: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement, 06/05/2026

66/876/CDV, IEC 61010-2-033 ED4: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-033: Particular requirements for hand-held multimeters and other meters for domestic and professional use, capable of measuring mains voltage, 06/05/2026

66/875/CDV, IEC 61010-2-034 ED3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength, 06/05/2026

Secondary cells and batteries (TC 21)

21A/967/CDV, IEC 61951-2 ED5: Secondary cells and batteries containing alkaline or other non acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 2: Nickel-metal hydride, 06/05/2026

Semiconductor devices (TC 47)

47A/1213/CD, IEC 62433-4 ED2: EMC IC modelling - Part 4: Models of integrated circuits for RF immunity behavioural simulation - Conducted immunity modelling (ICIM-CI), 05/08/2026

Solar photovoltaic energy systems (TC 82)

82/2594/CD, IEC TS 62446-3 ED2: Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 3: Photovoltaic modules and plants - Outdoor infrared thermography, 05/08/2026

82/2595/CD, IEC TS 63543-1 ED1: Photovoltaic (PV) module safety qualification for DC system voltage up to 3 000 V DC - Part 1: Requirements for construction, 05/08/2026

82/2591/CD, IEC TS 63543-2 ED1: Photovoltaic (PV) module safety qualification for DC system voltage up to 3 000 V DC - Part 2: Requirements for testing, 05/08/2026

Standard voltages, current ratings and frequencies (TC 8)

8A/225/CD, IEC TR 63731 ED1: Grid-forming technology and applications in renewable energy dominated power systems, 05/08/2026

(TC)

SyCSmartCities/425/NP, PNW SYCSMARTCITIES-425 ED1: Local Digital Twin Reference Architecture, 06/05/2026

(TC 123)

123/135(F)/FDIS, IEC 63223-2 ED1: Management of network assets in power systems - Part 2: Risk-informed decision-making process, 03/27/2026

Tools for live working (TC 78)

78/1559(F)/FDIS, IEC 61111 ED3: Live working - Electrical insulating matting, 04/10/2026

78/1552/CDV, IEC 62192-1 ED1: Rope for electrical work - Part 1: work within the live working zone or in contact with live parts, 06/05/2026

Wearable electronic devices and technologies (TC 124)

124/381/FDIS, IEC 63517 ED1: Wearable electronic textiles - Test methods for performance of heating products - Heating temperature and power consumption, 04/24/2026

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC41/591/CD, ISO/IEC TR 30207 ED1: Internet of Things (IoT) - Environmental and ecological effects, risks, and considerations of underwater acoustic signalling, 05/08/2026

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

Building construction (TC 59)

ISO 7728:2026, Typical horizontal joints between an external wall of prefabricated ordinary concrete components and a concrete floor - Properties, characteristics and classification criteria, $96.00

Dentistry (TC 106)

ISO 10451:2026, Dentistry - Contents of a technical file for dental implant systems, $96.00

Geographic information/Geomatics (TC 211)

ISO 19177-1:2026, Geographic information - Geospatial application programming interface (API) for tiles - Part 1: Core, $291.00

Graphical symbols (TC 145)

ISO 7010:2019/Amd 11:2026, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 11, $26.00

Hydrogen energy technologies (TC 197)

ISO 13984:2026, Liquid hydrogen - Land vehicle fuelling protocol, $324.00

Industrial automation systems and integration (TC 184)

ISO 29002:2026, Industrial automation systems and integration - Exchange of characteristic data, $324.00

IEC 62264-2:2026, $659.00

Mechanical vibration and shock (TC 108)

ISO 17934:2026, Condition monitoring and diagnostics of machines - Reciprocating compressors, $324.00

Pigments, dyestuffs and extenders (TC 256)

ISO 20427:2026, Pigments and extenders - Dispersion procedure for sedimentation-based particle sizing of suspended pigment or extender with liquid sedimentation methods, $193.00

Plastics (TC 61)

ISO 179-1:2026, Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test, $193.00

Refractories (TC 33)

ISO 14720-1:2026, Testing of ceramic materials - Determination of sulfur in non-oxidic ceramic raw materials and ceramic materials - Part 1: Infrared measurement methods, $96.00

ISO 14720-2:2026, Testing of ceramic materials - Determination of sulfur in non-oxidic ceramic raw materials and ceramic materials - Part 2: Inductively coupled plasma optical emission spectrometry (ICP-OES) or ion chromatography (IC) after burning in the oxygen flow, $143.00

Road vehicles (TC 22)

ISO 4106:2026, Motorcycles - Engine test code - Net power, $193.00

Ships and marine technology (TC 8)

ISO 6319:2026, Ships and marine technology - Marine environment protection - Conducting and documenting in-water cleaning of biofouling on ships, $227.00

ISO Technical Reports

Implants for surgery (TC 150)

ISO/TR 4234:2026, Non-active surgical implants - Implant coating - Best practices for coating system assessment, $96.00

ISO Technical Specifications

Blockchain and distributed ledger technologies (TC 307)

ISO/TS 23516:2026, Blockchain and distributed ledger technology - Interoperability framework, $193.00

Health Informatics (TC 215)

ISO/TS 27790:2026, Health informatics - Document registry framework, $96.00

(TC 322)

ISO/TS 32211:2026, Sustainable finance - Products and services - Requirements and guidance, $227.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 30123:2026, Internet of Things (IoT) - Guidance on IoT application to home healthcare, $227.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 7816-6:2023/Amd 1:2026, - Amendment 1: Identification cards - Integrated circuit cards - Part 6: Interindustry data elements for interchange - Amendment 1: Data elements for quantum safe cryptography, $26.00

ISO/IEC 7816-9:2017/Amd 1:2026, - Amendment 1: Identification cards - Integrated circuit cards - Part 9: Commands for card management - Amendment 1: Data objects for quantum safe cryptography key management operations, $26.00

ISO/IEC 19823-16:2026, Information technology - Conformance test methods for security service crypto suites - Part 16: Crypto suite ECDSA-ECDH, $193.00

IEC Standards

Electrical equipment in medical practice (TC 62)

IEC/PAS 63621 Ed. 1.0 en:2026, Artificial intelligence enabled medical devices - Data management, $371.00

Nuclear instrumentation (TC 45)

IEC 63413 Ed. 1.0 b:2026, Nuclear power plants - Instrumentation and control systems important to safety - Platform qualification, $421.00

IEC 63413 Ed. 1.0 en:2026, Nuclear power plants - Instrumentation and control systems important to safety - Platform qualification, $421.00

Performance of household electrical appliances (TC 59)

IEC 61254 Ed. 2.0 en:2026, Electric shavers for household use - Evaluation of user experience and user satisfaction, $299.00

IEC 61254 Ed. 2.0 b:2026, Electric shavers for household use - Evaluation of user experience and user satisfaction, $299.00

Piezoelectric and dielectric devices for frequency control and selection (TC 49)

IEC 60862-1 Ed. 3.0 b Cor.1:2026, Corrigendum 1 - Surface acoustic wave (SAW) filters of assessed quality - Part 1: Generic specification, $0.00

Accreditation Announcements (U.S. TAGs to ISO)

Approval of Accreditation – U.S. TAG to ISO

TC 354, Events – sustainability management and other aspects

Effective March 13, 2026

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO **TC 354, Events – sustainability management and other aspects** (including **SC 1, Sustainability in events management**) and the appointment of the Consumer Technology Association as TAG Administrator, effective **March 13, 2026**. The TAG will operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. For additional information, please contact: Lia Manukyan, Consumer Technology Association: 1919 South Eads Street Arlington, VA 22202, P: (703) 907-5264 E: Lmanukyan@cta.tech

International Organization for Standardization (ISO)

Call for comment on ISO/IEC Guide 71:2014 (Ed 2, vers 2)

Comment Deadline: April 24, 2026

ISO has initiated a systematic review of ISO/IEC Guide 71:2014 (Ed 2, vers 2) "*Guide for addressing accessibility in standards*", which has the following scope statement:

This Guide provides guidance to standards developers on addressing accessibility requirements and recommendations in standards that focus, whether directly or indirectly, on systems (i.e. products, services and built environments) used by people. To assist standards developers to define accessibility requirements and recommendations, the Guide presents:

- *a summary of current terminology relating to accessibility;*
- *issues to consider in support of accessibility in the standards development process;*
- *a set of accessibility goals (used to identify user accessibility needs);*
- *descriptions of (and design considerations for) human abilities and characteristics;*
- *strategies for addressing user accessibility needs and design considerations in standards.*

ANSI, is seeking U.S. Stakeholders' input on ISO/IEC Guide 71:2014 (Ed 2, vers 2) to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 71:2014 (Ed 2, vers 2) 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 **April 24, 2026.**

Call for comment on ISO/IEC Guide 98-6:2021

Comment Deadline: April 24, 2026

ISO has initiated a systematic review of ISO/IEC Guide 98-6:2021 "*Uncertainty of measurement — Part 6: Developing and using measurement models*", which has the following scope statement:

This document provides guidance on developing and using a measurement model and also covers the assessment of the adequacy of a measurement model. The document is of particular interest to developers of measurement procedures, working instructions and documentary standards. The model describes the relationship between the output quantity (the measurand) and the input quantities known to be involved in the measurement. The model is used to obtain a value for the measurand and an associated uncertainty. Measurement models are also used in, for example, design studies, simulation of processes, and in engineering, research and development.
This document explains how to accommodate in a measurement model the quantities involved. These quantities relate i) to the phenomenon or phenomena on which the measurement is based, that is, the measurement principle, ii) to effects arising in the specific measurement, and iii) to the interaction with the artefact or sample subject to measurement.

ANSI, is seeking U.S. Stakeholders' input on ISO/IEC Guide 98-6:2021 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 98-6:2021 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 **April 24, 2026.**

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 312 – Excellence in service

Reply Deadline: March 27, 2026

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Germany (DIN), the ISO delegated Secretariat of ISO/TC 312, wishes to relinquish the role of the Secretariat.

Currently, there is no ANSI-accredited U.S. TAG Administrator for ISO/TC 312 and therefore ANSI is not a participating member of this committee.

ISO/TC 312 operates under the following scope:

Standardization in the field of excellence in service.

Noting the upcoming change in leadership, ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. TAG Administrator or participating on the U.S. TAG, should one be formed.

Organizations interested in serving in the roles mentioned above are encouraged to contact the ANSI's ISO Team (isot@ansi.org) for additional information.

Establishment of ISO Subcommittee

ISO/TC 17/SC 22 – Stainless and heat-resistant steels

ISO/TC 17 – *Steel* has created a new ISO Subcommittee on *Stainless and heat-resistant steels* (ISO/TC 17/SC 22). The Secretariat has been assigned to Sweden (SIS).

ISO/TC 17/SC 22 operates under the following scope:

Standardization of qualities, dimensions and tolerances of stainless and heat-resistant steels mainly used in the engineering industry e.g.: construction, chemical and automotive industries. These steels are for general engineering purposes but include also their special applications in form of bright, spring and valve steels. Excluded;

- *standardization of applications*
- *pressure purposes e.g.: plates and tubes (ISO/TC 17/SC 10 and ISO/TC 17/SC 19)*
- *concrete reinforcement (ISO/TC 17/SC 16)*
- *hollow sections and hollow bars (ISO/TC 5)*
- *oil and gas (ISO/TC 67/SC 2)*
- *tools (ISO/TC 17/SC 4)*
- *ball bearings (ISO/TC 17/SC 4)*
- *wire ropes (ISO/TC 105)*
- *medical (ISO/TC 150/SC 1)*
- *aerospace (ISO/TC 20)*
- *castings (ISO/TC 17/SC 11)*

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)

Establishment of ISO Subcommittee

ISO/TC 309/SC 2 – Human dignity

ISO/TC 309 – *Governance of organizations* has created a new ISO Subcommittee on *Human dignity* (ISO/TC 309/SC 2). The Secretariat has been assigned to the United Kingdom (BSI).

ISO/TC 309/SC 2 operates under the following scope:

Standardization in the field of human dignity, including:*
· All types of standardization to help organizations understand and support the management of United Nations Guiding Principles on Business and Human Rights (UNGPs);
· Identification, prevention, mitigation and remediation of crimes in the areas of: forced labour (including child labour); human trafficking; violence against women; and safeguarding;
· organizational practices in the area of diversity.

*NOTE: *Human Dignity can be summarised as the inherent worth and respect that every human being deserves, regardless of their background, circumstances, or abilities. Effective collaboration between this subcommittee and ISO/TC309, ISO/260, ISO/TC 207, ISO/TC 322, ISO/TC282 and other sector-specific committees is key to ensuring alignment.*

This collaboration allows the documents developed by this committee to support the work of other committees while benefiting from their input and expertise.
The work of the subcommittee will be relevant to all types and sizes of organizations.

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 Subcommittee

ISO/TC 48/SC 10 – Microfluidic devices

ISO/TC 48 – *Laboratory equipment* has created a new ISO Subcommittee on *Microfluidic devices* (ISO/TC 48/SC 10). The Secretariat has been assigned to Portugal (IPQ).

ISO/TC 48/SC 10 operates under the following scope:

Standardization in the field of microfluidic devices with respect to their design, fabrication and characterization. This includes standardization of material selection, fabrication techniques, definition of performance criteria for device qualification and creation of measurement and testing protocols to ensure reliability and reproducibility

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)

Establishment of ISO Subcommittee

ISO/TC 93/SC 2 – Microfluidic device

ISO/TC 93 – *Starch (including derivatives and by-products)* has created a new ISO Subcommittee on *Modified starches* (ISO/TC 93/SC 2). The Secretariat has been assigned to China (SAC).

ISO/TC 93/SC 2 operates under the following scope:

Standardization in the field of Modified starches under the scope of ISO/TC 93 Starch - Standardization of terminology, methods of sampling, methods of analysis and examination of starch (including hydrolysis products and dextrins) and its by-products.

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 356 – Children's rights management

A new ISO Technical Committee, ISO/TC 356 – *Children's rights management*, has been formed. The Secretariat has been assigned to Iceland (IST).

ISO/TC 356 operates under the following scope:

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

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/IEC Joint Technical Committee

ISO/IEC JTC 5 – Digital Product Passport

Reply Deadline: March, 20, 2026

A new ISO/IEC Joint Technical Committee, ISO/IEC JTC 5 – *Digital Product Passport*, has been formed. The Secretariat has been assigned to Germany (DIN).

ISO/IEC JTC 5 operates under the following scope:

Standardization in the field of Digital Product Passport. Development of deliverables for the deployment of Digital Product Passports (DPP) ensuring cross sectoral and cross system interoperability enabling the supply chain information flow. This includes the framework of the DPP System and the DPP Ecosystem as well as the basics for both. The new JTC does not develop sector specific standards and standards to be used for DPP-system or DPP-data which are already covered by the scope of other ISO and IEC TCs.

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) by Friday, March 20, 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

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

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

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Foreword

This Addendum results from review of updated reference standards. As part of that process some section numbers are changed and the applicability of the provisions of ASHRAE Standard 62.2 to the requirements in Section 8.3.3 are clarified. Additional clarifications are made in other sections as shown. This addendum does not substantially change the requirements of these sections.

This DA reflects changes approved in Addendum a.

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Addendum ag to 189.1-2023

Modify Section 8.3.3 as follows:

8.3.3 Filtration and Air Cleaner Requirements

a. Particulate matter: ~~The following requirements shall apply in all buildings.~~

1. Wetted surfaces: Particulate matter filters or air cleaners having a minimum efficiency reporting value (MERV) of not less than 8 where rated in accordance with ANSI/ASHRAE Standard 52.2, or not less than Coarse 90% where rated in accordance with ISO 16890, shall be provided upstream of all cooling coils or other devices with wetted surfaces through which air is supplied to an *occupiable space*. These requirements supersede the requirements in ASHRAE Standard 62.1, Section 5.5.

Exception to (a).1: Systems serving only *dwelling* units.

2. Particulate matter removal: Where particulate ~~Particulate~~ matter filters or air cleaners are required to ~~shall~~ be provided in accordance with ASHRAE Standard 62.1, Sections 6.1.4.1 and 6.1.4.2~~,~~ or ASHRAE Standard 62.2, Section 6.7 ~~with the following modification.~~, such ~~Such~~ filters or air cleaners shall have a MERV-A rating of not less than 13-A as rated in accordance with ASHRAE Standard 52.2, including Informative Appendix J, or not less than ePM1-50% as rated in accordance with ISO 16890.

Exception to (a): In health care facilities, the particulate filter requirements of ASHRAE/ASHE Standard 170 shall apply.

b. Outdoor air ozone removal: [*no changes*]
c. Sealing: [*no changes*]
d. Ozone emissions: The requirements in this section supersede the requirements in ASHRAE Standard 62.1, Sections 5.9.1 and 5.9.2 and ASHRAE Standard 62.2, Section 7.7. Air cleaning devices with electronic filter elements that rely on ionization or corona discharge shall be *listed* and *labeled* in accordance with UL 2998. Ultraviolet-generating devices in supply air devices, ducts, and plenums shall not emit 185 nm wavelengths.

Modify Section 8.3.4 as follows:

8.3.4 Building Pressure. The requirements in Section 8.3.4 supersede the requirements in ASHRAE Standard 62.1, Section ~~5.17~~5.18. *Building projects* shall be designed in accordance with the following subsections.

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 ~~and open parking garages~~.
2. ~~Ventilated~~ Parking garages that comply with ANSI/ASHRAE Standard 62.1, Sections ~~5.19~~5.2 and 6.5.
3. Structures which have openings to the outdoors on two or more sides of the structure and the area of the openings is not less than 20 percent of the total perimeter wall area of each floor.

Modify Table 10.10.7 as follows:

Table 10.10.7 Air Monitoring Following Commencement of Occupancy

Constituent	Method
Temperature	As permitted by ASHRAE Standard 111
Humidity	As permitted by ASHRAE Standard 111
PM10 (coarse particulate matter)	An optical instrument with accuracy in particles/cc certified by the manufacturer at concentrations of 0 to 40,000 particles/cc. Measurements in the return airstream shall be taken at a location with velocity of 0.4 m/s or less.
PM2.5 (fine particulate matter)	See PM 10.
Total volatile organic chemicals (TVOC)	A photoionization detector (PID) accurate ±200 ppbv based on isobutylene and a limit of detection of 5 ppb or less.
CO_2 (carbon dioxide)	A sensor compliant with ASHRAE Standard 62.1, Section 6.2.6.1.3.4.

Public Review Draft

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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.

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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 ft^2 (1,000m^2).

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

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Foreword

This second public review ISC makes changes to the addendum that resulted from public review comments on the first publication public review. The addendum updates requirements for water system sub-metering and data storage and retrieval. This second PPR ISC modifies some of the thresholds that trigger monitoring requirements, removes monitoring requirements for adiabatic condenser blowdown, and adds a requirement for monitoring the supply to multiple small units which cumulatively exceed the applicable threshold. An Informative Note is added to provide examples of “unusual flow conditions”.

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Addendum p 2nd PR ISC to 189.1-2023

Revise Section 6.3.5 as follows:

6.3.5 Water Consumption Measurement

6.3.5.1 Consumption Management. Measurement devices with remote communication capability shall be provided to collect water consumption data for each supply of *potable water*, municipally *reclaimed* water, or alternate sources of water to all buildings in the *building project* and for each of the building subsystems sized above a threshold level listed in Table 6.3.5.1. ~~For multiple similar units of the same subsystem type served by a single water supply, where the total capacity of the units exceeds the applicable threshold, only a single measurement device on the common supply is required. Exception: separately least space.~~ Where multiple heating or cooling units of the same subsystem type are served by a single water supply, and the total capacity of such units is greater than the applicable threshold specified in Table 6.3.5.1, a measurement device shall be required only on the common supply.

Exceptions to 6.3.5.1:

1. Pipes that are fully monitored by downstream meters.
2. Applications where *approved* calculations show daily water consumption not greater than 500 gal/day (1900 l/day).

6.3.5.2 Consumption Data Collection. All building measurement devices installed to comply with Section 6.3.5.1 shall be configured to communicate water consumption data to a meter data management system. Meters shall be capable of providing data at a one-minute interval or shorter.

Table 6.3.5.1 Subsystem Water Measurement Thresholds

Subsystem	Submetering Threshold
Cooling tower makeup water	Cooling capacity > 150 ~~50~~ tons (525 ~~175~~ kW)
Cooling tower blowdown	Cooling capacity > 150 ~~50~~ tons (525 ~~175~~ kW)
Evaporative or adiabatic condenser makeup water	Cooling capacity > 150 ~~50~~ tons (525 ~~175~~ kW)
Evaporative ~~or adiabatic~~ condenser blowdown	Cooling capacity > 150 ~~50~~ tons (525 ~~175~~ kW)
Evaporative coolers	Makeup water > 0.6 gpm (0.04 L/s)
Steam and hot-water boilers	Heating capacity >500,000 Btu/h (150 kW) input
Irrigation systems	Irrigated area >5000 ft² (500 m²)
Separate buildings within a campus or project	Consumption >1000 gal/day (3800 L/day)
Separately leased *space*	Consumption >1000 gal/day (3800 L/day)
Water system distribution branch	Supply pipe diameter >= 2.0” (50 mm) and Consumption > 6,500 gal/day (24,600 L/day)

6.3.5.3 Data Storage and Retrieval. The meter data management system shall be capable of:

a) electronically storing water meter and submeter data for a period of not less than three years
b) creating user reports showing calculated hourly, daily, monthly, and annual water consumption for each measurement device
c) provide alert notifications for leaks and unusual flow conditions
d) present plots of minute-by-minute consumption for each measurement device in any system where an alert has been triggered.

Informative Note: Examples of unusual flow conditions include, but are not limited to:

1) Constant water use when there should be no water use, e.g., nighttime.
2) High water use for too long.
3) For evaporative cooling applications, water inflow falls below the normal base inflow rate for too long.
4) For landscape irrigation, continuous water use when system should not be using water.
5) For landscape irrigation, system is off longer than expected.

S220 Standard for Professional Inspection of Hard Surface Floor Coverings

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Section B Definitions

Claimant: the party who initiates a claim seeking compensation, corrective action, or resolution.

1.1.3 Certified Independent Inspectors

Certified ~~independent~~ inspectors *should* be independent, and their inspections *should* be free from influence and conflict of interest that might be perceived by claimants to be biased toward a manufacturer, retailer, or installer.

2.2 Qualifying Inspectors

It is recommended c~~C~~ommissioning parties ~~should~~ take reasonable steps to determine whether an inspector's qualifications are appropriate for a particular concern. Commissioning parties may ask the inspector for evidence of current certification, relevant experience regarding the concern requiring inspection, references, and proof of general liability insurance.

2.3.1 Understanding the Commission

It is recommended c~~C~~ommissioning parties ~~should~~ be specific about what areas or concerns are to be inspected. The inspector *should* address concerns related to the scope specified on the request; however, if other concerns on the same material are brought to the attention of the inspector, the inspector *should* consult with the commissioning party as to how to address the additional concerns.

3.3 Report Writing Sequence

The inspector *should* obtain temperature/humidity data logs (e.g., HVAC app, in situ probe) including historical data (i.e., setbacks, corporate controlled settings), if they are available. These *should* not be used in place of the inspector's measurements.

4.1 Inspecting Hardwood Flooring

Inspectors *should* follow the manufacturer's instructions and label directions for the ~~safe~~ use of tools.

4.2 Inspecting Laminate Flooring

Inspectors *should* follow the manufacturer's instructions and label directions for the ~~safe~~ use of tools.

4.3 Inspecting Resilient Flooring

Inspectors *should* follow the manufacturer's instructions and label directions for the ~~safe~~ use of tools.

4.4 Inspecting Ceramic and Stone Floor Covering

Inspectors *should* follow the manufacturer's instructions and label directions for the ~~safe~~ use of tools.

7 Wood Flooring Inspection

For a wood flooring inspection, the inspector *should* observe, collect, and document the following:

- if the wood floor is engineered, solid, or assembled solid;
- species of wood;
- ~~width of the~~ board dimensions;
  - width
  - thickness
  - length

- affected area of concern;
- approximate amount of installation affected (localized or widespread);
- if the condition is increasing in frequency or severity;
- substrate/subfloor underlayment type;
- grade level of substrate/subfloor;
- moisture testing of material and substrate/subfloor, if possible;
- prior moisture testing results, if available;
- relative humidity and temperature:
  - of installed space; and
  - of crawl space/basement.
- crawl space:
  - conditioned, ventilated, open;
  - type of conditioning system (e.g., HVAC, dehumidification, passive);
  - insulation;
  - moisture barrier;
  - distance from bottom of joists to ground;
  - evidence of water or moisture;
  - sump pump; and
  - is there ground cover:
    - coverage complete; and
    - properly seamed.
  - ventilation:
    - operational;
    - blocked;
    - open; and
    - closed.
  - if open, type of ground.
- try to ascertain acclimation of product(s);
- installation method; and
- describe maintenance procedures and products used.

7.5 Cupping

During a wood flooring inspection, the inspector *should* observe, collect, and document the following:

- when the condition was first observed;
- if there is a pattern to the condition, if so description;
- if there is a crawl space/basement, describe condition (i.e., ground cover, joist to soil measurement, insulation, type of subfloor, visible moisture/puddles);
- any evidence of water damage (e.g., water intrusion, plumbing leaks);
- measure the depth of concave deviation;
- appearance of uninstalled boards;
- gapping visible between boards;
- measure multiple board spans (depending on board width);
- measure width of board;
- moisture content of flooring in relation to subfloor (take and record readings at multiple depths to prove the progression of the moisture gain or loss);
- check for separating layers in engineered products;
- maintenance methods, products, and frequency used;
- examine impermeable products in area of concern (i.e., rubber mat); and
- attempt to ascertain acclimation of product.

7.8 Gloss Variation

During a wood flooring inspection, the inspector *should* observe, collect, and document the following**:**

- appearance compared to adjacent or unaffected areas;
- lighting conditions – eliminate shadows and glare, (i.e., shadowbox, inspection light):
  - walk around the planks of concern – viewing angle can change appearance.
- gloss meter reading variations;
- ~~look for~~ texture variations;
- amount of affected boards;
- pattern or recurrence of concern;
- maintenance products;
- maintenance procedures;
- compare flooring to attic stock and/or store sample; and
- ~~check for~~ buckling, cupping, or crowning

7.14 Splits/Cracks

During a wood flooring inspection, the inspector *should* observe, collect, and document the following:

- flatness of material (i.e., cupping or crowning);
- measure depth, length, and width of the splits/cracks;
- location of splits/cracks;
- finish and stain characteristics over/around/in split;
- visible change in stain;
- finish separation;
- presence of filler; and
- grading allowances.

7.16 End Lift

A condition where the ends of installed engineered wood flooring boards deviate from the flat plane and appear raised or curved upward.

During a wood flooring inspection, the inspector *should* observe, collect, and document the following:

- acclimation of product;
- moisture readings;
- temperature and humidity readings;
- maintenance procedures;
- poor adhesion;
  - hollow spots
- confirm humidifier/dehumidifier and HVAC year-round settings.

8 Laminate Flooring Inspection

For a laminate flooring inspection, the inspector *should* observe, collect, and document the following:

- affected area of concern;
- approximate amount of installation affected (i.e., localized or widespread);
- measurement of the widest and longest continuous span without a break/transition;
- number of doorways/cased openings, and sizes if applicable;
- substrate/subfloor type;
- type of underlayment;
- presence of moisture barrier/retarder and type;
- grade level of substrate/subfloor;
- if the condition is increasing in frequency or severity;
- moisture testing of material and substrate;
- prior moisture testing results, if available;
- relative humidity and temperature:
  - of installed space; and
  - of crawl space/basement.

- if crawl space is present:
  - conditioned, ventilated, open;
  - type of conditioning system (e.g., HVAC, dehumidification, passive);
  - insulation;
  - moisture barrier;
  - distance from bottom of joists to ground;
  - evidence of water or moisture;
  - sump pump; and
  - is there ground cover:
    - coverage complete; and
    - properly seamed.
  - ventilation:
    - operational;
    - blocked;
    - open; and
    - closed.
  - if open, type of ground.
- describe maintenance procedures and products used.

9 Stone, Ceramic Flooring Inspection

For a stone or ceramic tile inspection, the inspector *should* observe, collect, and document the following:

- affected area of concern;
- type of material, (e.g., porcelain, ceramic, stone);
- nominal format of the tile (to include size and edge configuration) and the pattern of the installation;
- finish of the surface (e.g., glazed, polished, honed, flamed);
- type of grout and general width of the joint;
- substrate/subfloor type;
- grade level of substrate/subfloor;
- moisture testing of material and substrate/subfloor;
- prior moisture testing results, if available;
- type of underlayment;
- type of overall construction and support system (e.g., pier and beam, joists, crawl space, slab);
- try to ascertain acclimation of the product;
- if the condition is increasing in frequency or severity; and
- maintenance procedures and products.

9.1.4 Tile Cracking

During a stone or ceramic tile inspection, the inspector *should* observe, collect, and document the following**:**

- ~~confirm~~ perimeter expansion joints and field soft joints;
- ~~check if~~ presence of cracking crosses several tiles and continues through adjoining grout joints;
- ~~check to see if there is a~~ presence of repeat pattern to the condition;
- ~~measure~~ presence of deflection, if applicable;
- ~~examine the floor for the~~ presence of hollow tiles; and;
- ~~examine for~~ presence of fine lines which may indicate compression cracking.

10 Resilient Flooring Inspection

For a resilient flooring inspection, the inspector *should* observe, collect, and document the following:

- type of installation (e.g., glue down, floating, loose lay);
- description of concern;
- approximate amount of installation affected (i.e., localized or widespread);
- description of any attempted repairs and methods used in repair;

- substrate/subfloor type;
- type of underlayment;
- presence of moisture barrier/retarder and type;
- grade level of substrate/subfloor;
- moisture testing of material and substrate/subfloor;
- prior moisture testing results, if available;
- floor prep performed;
- if the condition is increasing in frequency or severity;
- relative humidity and temperature of:
  - installed space;
  - substrate; and
  - crawl space/basement.
- If there is a crawl space:
  - conditioned, ventilated, open;
  - type of conditioning system (e.g., HVAC, dehumidification, passive);
  - insulation;
  - moisture barrier;
  - distance from bottom of joists to ground;
  - evidence of water or moisture;
  - sump pump; and
  - is there ground cover:
    - coverage complete;
    - properly seamed;
  - ventilation:
    - operational;
    - blocked;
    - open; and
    - closed.
  - if open, type of ground;
- if it is a floating installation:
  - measurement of the widest and longest continuous span without a break/transition;
  - expansion space at vertical obstructions;
  - pinch points;
  - deflection;
  - presence of additional underlayment; and
  - floor surface flatness field test.
- space between moldings, transitions, jambs, and the surface of the flooring; and
- describe maintenance procedures and products used.

References

~~ATF Floorcovering Dictionary 1997 3rd edition; Academy of Textiles and Flooring, Anaheim, CA 92806~~

~~Laminate Flooring Inspection Guidelines, December 2003, Inspector Training Services, Huntsville AL, 2003, Will Stoner, Certified Inspector and Instructor~~

National Laminate Flooring Association (NALFA), LF-01 Specifications and Test Methods - 2019

BSR/UL 83A, Standard for Safety for Fluoropolymer Insulated Wire

1. Test temperature tolerance

PROPOSAL

5.4.1 Minimum acceptable value

5.4.1.1 The insulation on Type ZW-2 wire shall result in the full range of sizes of finished wire having an insulation resistance in tap water at 90± 1 °C (194 ± 1.8°F) and the insulation on Type ZW wire shall result in the full range of sizes of finished wire having an insulation resistance in tap water at 75± 1 °C (167± 1.8°F) of not less than 100 megohms based on 1000 conductor feet or 30.4 megohms based on a conductor kilometer.

5.7.2 Cold impact (optional)

5.7.2.1 The insulation on at least 8 out of 10 complete cable specimens shall not crack or rupture when tested at -40± 1 °C in accordance with the test, Cold impact, in UL 2556.

5.11.1 Oil resistance at 60°C

5.11.1.1 To be marked PR I, the retention of tensile strength and elongation of the insulation shall not be less than 50 percent of the unconditioned value after immersion of the finished wire in IRM 902 oil for 96 hours at 100± 1 °C. Compliance shall be determined in accordance with the applicable requirements of the test, Oil resistance, in UL 2556.

5.11.2 Oil resistance at 75°C

5.11.2.1 To be marked PR II, the retention of tensile strength and elongation of the insulation shall be not less than 65 percent of the unconditioned value after immersion of the finished wire in IRM 902 oil for 60 days at 75± 1 °C. Compliance shall be determined in accordance with the applicable requirements of the test, Oil resistance, in UL 2556.

2. Terminology for oven

5.13 Durability of ink printing

5.13.1 The printing on the finished wire shall remain legible after being subjected to the test, Durability of ink printing, in UL 2556.
5.13.2 One of two specimens shall be conditioned in a forced air-circulating oven at the rated temperature of the specimen for 24 hours; the other left at room temperature for 24 hours.

3. Clarification of color coating test parameters
5.14 Color coating

5.14.1 Surface (ink or paint) coated thermoplastic-insulated wire shall comply with the requirements in 5.14.2 – 5.14.4, when tested in accordance with the test, Color coating, in UL 2556.

5.14.2 The surface-coated thermoplastic-insulated conductor shall comply with the tensile strength and ultimate elongation requirements before and after the air-oven aging applicable to the insulation.

5.14.3 The coating shall not flake off of the surface of the insulation when samples of the wire are flexed at room temperature in the manner described in the test, Color coating, in UL 2556, both before and after the air-oven aging applicable to the insulation as indicated in Table 13.

5.14.4 The surface coating shall not migrate when tested in accordance with the test, Color coating, in UL 2556 after conditioning for 7 hours at 70 ± 1°C.

4. Additional criteria for long term aging
5.15 Long-term aging of insulation

5.15.1 For insulation materials identified in 4.2.5.3, the projected elongation of the insulation and

jacket shall not be less than 50 percent, and the projected tensile strength calculated for 300 days shall not be less than 4 MPa (600 lbf/in2) for unjacketed insulation, after being subjected to long-term aging in an air oven for a minimum of 150 days after being subjected to long-term aging in an air oven in accordance with the test, Dry temperature rating of new materials (long-term aging test), in UL 2556.

5. Addition of conductor corrosion test
5.20 Conductor corrosion (new)

5.20.1 Bare unprotected copper conductor used without a separator under the insulation or jacket shall not show surface deterioration during visual examination. Compliance shall be determined in accordance with the test, Copper corrosion, in UL 2556, when performed at the temperature and for the duration specified in Table 13, after air oven accelerated aging.

6. Laser Printing
6.1.1 General

6.1.1.1 All markings on the finished product shall be visible and legible. The use of surface printing, indent, or embossed marking shall meet the intent of this requirement. The process shall not result in a thickness less than the minimum specified. Laser printing shall be acceptable if it does not reduce the tensile strength and ultimate elongation (unaged and after conditioning) below the minimum allowed for the material. The laser-imprinted area shall not be buffed or skived during the test.

7. Low temperature marking methods
6.1.7 Low-temperature marking (optional)

6.1.7.1 A wire or cable marked "(-40)" or “-40C” or “minus 40C shall meet the requirements for -40°C cold bend and cold impact specified in 5.7.

BSR/UL 778, Standard for Safety for Motor-Operated Water Pumps

1. Addition of requirements for the dielectric voltage withstand test of products with built-in voltage-limiting circuits

PROPOSAL

41 Dielectric Voltage-Withstand Test

41.1 General

41.1.4 Voltage limiting circuits and components like varistors and spark gaps shall be removed or disconnected before the dielectric voltage-withstand test. At is acceptable to remove the voltage limiting circuit by disconnecting one connection point of the circuit, such that the voltage limiting effect is removed.

41.1.5 For products with voltage limiting circuits used to reduce impulse voltage to the capability of insulation with lower dielectric voltage-withstand capability than the rated impulse voltage/overvoltage category of the pump, the test potential shall be reduced to the clamping voltage of the voltage limiting circuit for test with DC. For tests with AC, the test potential shall be reduced to 71% of the clamping voltage of the voltage limiting circuit.

MANUFACTURING AND PRODUCTION-LINE TESTS

55 Dielectric Voltage-Withstand Test

55.2 The production-line test shall be in accordance with either Condition A or Condition B of Table 55.1.

Table 55.1
Production-line test conditions

Appliance rating and form	Condition A			Condition B		
	Test potential, V AC	Test potential V DC	Time, seconds	Test potential, V AC	Test potential V DC	Time, seconds
105 – 130 volts, with or without a motor rated 1/2 horsepower (373 W output) or less	1000	1400	60	1200	1700	1
105 – 130 volts with motor rated more than 1/2 horsepower (373 W output)	1000 + 2V[a]	1400 + 2.8V[a]	60	1200 + 2.4V[a]	1700 + 3.4V[a]	1
210 – 600 volts	1000 + 2V[b]	1400 + 2.8V[b]	60	1200 + 2.4V[b]	1700 + 3.4V[b]	1

[a] Maximum marked voltage but no less than 120 volts.

[b] Maximum marked voltage but no less than 240 volts.

Exception: For voltage limiting circuits (e.g., circuits incorporating devices such as varistors and spark gaps), the test potential for DC shall be 90% of the clamping voltage, i.e., 90% of the voltage limit of the circuit. For AC, the RMS test potential shall be 64% of the clamping voltage. If the test potential found by

voltage limiting circuit considerations exceeds the relevant potential of table 55.1, the relevant potential of table 55.1 is to be used.

55.3 A pump may be in a heated or unheated condition for the test.

55.4 The test shall be conducted when the pump is fully assembled. It is not intended that it be unwired, modified or disassembled for the test. This includes keeping voltage limiting circuits in place.

BSR/UL 943B, Standard for Safety for Appliance Leakage-Current Interrupters

1. Proposed Fourth Edition of the Standard for Appliance Leakage-Current Interrupters, UL 943B

PROPOSAL

5.2 The following publications are referenced in this Standard:

ASTM E230/E230M, *Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples*

NFPA 70®, National Electrical Code® (NEC®)

UL 486A – 486B, *Wire Connectors*

UL 498, *Attachment Plugs and Receptacles*

UL 746C, *Polymeric Materials – Use in Electrical Equipment Evaluations*

UL 796, Printed-Wiring Boards

UL 817, *Cord Sets and Power-Supply Cords*

UL 840, *Insulation Coordination Including Clearances and Creepage Distances or Electrical Equipment*

UL 969, *Marking and Labeling Systems*

UL 1097, *Double Insulation Systems for Use in Electrical Equipment*

UL 1439, *Tests for Sharpness of Edges on Equipment*

9.7 A printed-wiring board shall comply with the requirements of UL 796. A printed-wiring board shall be rated V-1 or better.

17.11 Wire Connectors shall comply with the requirements of UL 486A-486B.

BSR/UL 1647, Standard for Safety for Motor-Operated Massage and Exercise Machines

1. Warning label for 81.5: Use visuals instead of text only.

2. UL 1647 (Temperature Correction)

3. UL 1647 (Temperature Clarification)

1. Warning label for 81.5: Use visuals instead of text only.

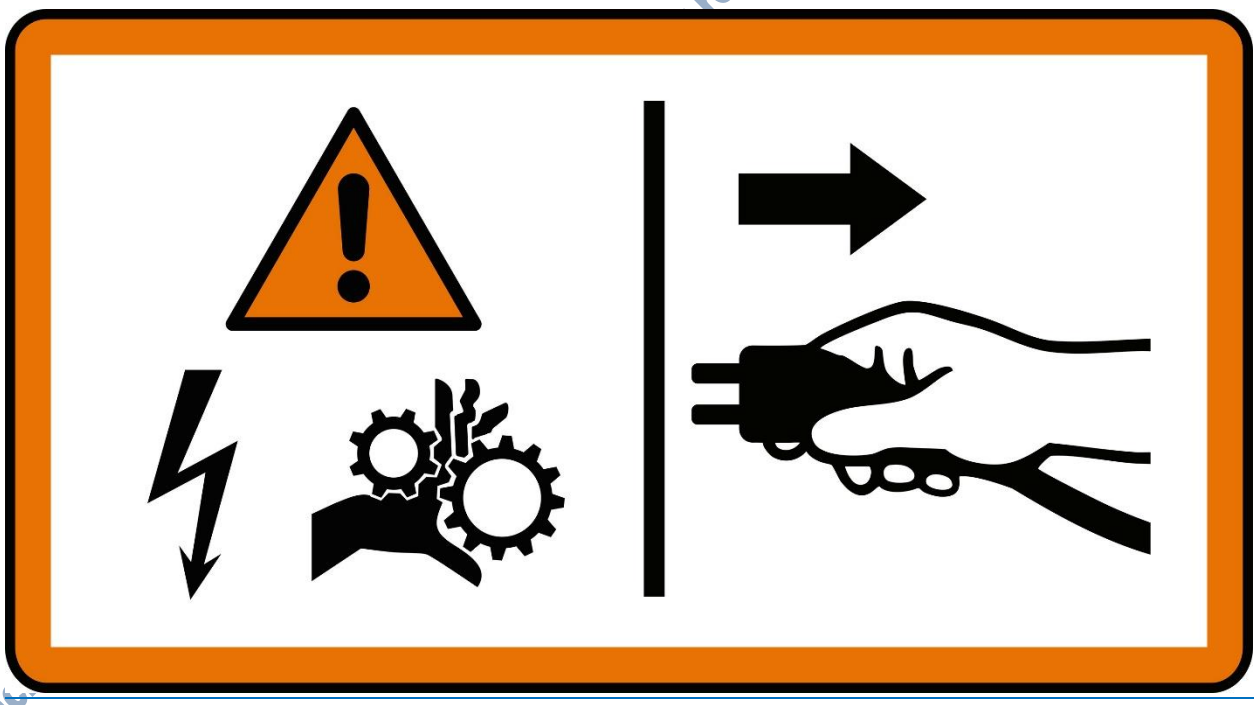
PROPOSAL

81.5 Treadmills

81.5.1 If the treadmill is intended to be cleaned or serviced by the user (such as replacement of belts and the like) and this cleaning or servicing involves the exposure of any normally enclosed or protected uninsulated live parts to unintentional contact, or involves exposure to moving parts, the appliance shall be clearly and permanently marked with the following, or equivalent wording or imagery. ~~These~~ This marking information ~~statements~~ shall also be included in the Important Safety Instructions; See Instructions Pertaining to a Risk of Fire, Electric Shock, or Injury to Persons, Section 83.

"CAUTION – To Reduce The Risk Of Injury From Moving Parts - Unplug Before Servicing."

"WARNING – To Reduce the Risk of Electric Shock – Unplug Before Cleaning or Servicing"



2. UL 1647 (Temperature Correction)

PROPOSAL

49.2.6 With reference to 49.2.1, a massage type footbath is to be operated continuously with water, and with the water vessel empty, until temperatures become constant. When operated with water, testing shall begin with the water at ~~49°C~~ 40 °C (104 °F) and with water at the maximum fill line. Additional water at that temperature is to be added as necessary to keep the water at that maximum level.

3. UL 1647 (Temperature Clarification)

PROPOSAL

50.1 During the temperature test, the temperature of a surface that may be contacted by the user shall not be more than the value specified in 50.2 or Table 50.1, as applicable. If the test is conducted at a room temperature of other than 25 °C (77 °F), the results are to be corrected to that temperature. When testing massage type footbaths with water temperatures of 40 °C (104 °F), the values in 50.2 and Table 50.1 shall be increased by the difference between the water temperature and the ambient temperature.