

CONTENTS

American National Standards

Project Initiation Notification System (PINS)	2
Call for Comment on Standards Proposals	6
Final Actions - (Approved ANS)	16
Call for Members (ANS Consensus Bodies)	20
American National Standards (ANS) Process	24
Accreditation Announcements (Standards Developers)	25
ANS Under Continuous Maintenance	26
ANSI-Accredited Standards Developer Contacts	27

International Standards

ISO and IEC Draft Standards	29
ISO and IEC Newly Published Standards	32
International Electrotechnical Commission (IEC)	34
International Organization for Standardization (ISO)	35

Information Concerning

Registration of Organization Names in the United States	37
Proposed Foreign Government Regulations	38

Project Initiation Notification System (PINS)

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

CSA (CSA America Standards Inc.)

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

National Adoption

BSR/CSA FC 62282-2-100/CSA C22.2 No. 62282-2-100, Fuel cell technologies – Part 2-100: Fuel cell stacks and fuel cell modules – Safety (national adoption of IEC 62282-2-100:2020 with modifications and revision of ANSI/CSA FC 6 CSA C22.2 No. 62282-2-100-2023)

Stakeholders: Consumers, manufacturers, regulators, and users.

Project Need: The development of this standard will support the safe deployment and the use of product which utilize fuel cell modules. This conformity assessment standard will be updated to include technology advancement since the previous edition, CSA/ANSI FC 6. It will meet the strategic needs of the following key interests: (a) ensuring that the latest innovative/technology/safety features are available for users; (b) addressing needs of regulators by providing suitable requirements; and (c) supporting certification bodies.

Interest Categories: Consumers, manufacturers, regulators, and users.

This document provides safety-related requirements for the construction and the testing of fuel cell stacks and fuel cell modules. It applies to fuel cell stacks and fuel cell modules with the following chemistry: alkaline, polymer electrolyte, acidic, molten carbonate; solid oxide; aqueous solution of salts. Fuel cell stacks and fuel cell modules can be provided with or without an enclosure. This document does not cover fuel cell road vehicle applications. This document is not intended to limit or inhibit technological advancement. The fuel cell stacks and fuel cell modules are components of a final product or system. The final products or systems that integrate these fuel cell stacks or fuel cell modules will require evaluation according to appropriate end-product safety requirements, such as: CSA/ANSI FC 1*CSA C22.2 No. 62282-3-100 for stationary fuel cell power systems or ANSI/CSA America FC 3 for portable fuel cell power systems. This document covers only up to the DC output of the fuel cell module. This document does not cover the storage and delivery of fuel and oxidant to the fuel cell module. This document does not cover fuel cell power systems for industrial trucks that are in the scope of UL 2267.

HI (Hydraulic Institute)

Peter Gaydon <pgaydon@pumps.org> | 300 Interpace Parkway, Bldg A, 3rd Floor | Parsippany, NJ 07054 www.pumps.org

Revision

BSR/HI 9.6.6-202x, Rotodynamic Pumps for Pump Piping (revision of ANSI/HI 9.6.6-2022)

Stakeholders: Pump manufacturers, Engineering design and construction firms, Engineering consulting firms, and Pump system owners and operators. This standard applies to all markets worldwide, and is specially important for petrochemical, chemical process and water, waste water and energy utilities industries.

Project Need: Revision of the ANSI/HI 9.6.6-2022 is proposed to update the minimum straight length requirements within the standard, and improve clarity where possible. A full review of the standard will occur and items held for future editions will be considered.

Interest Categories: Manufacturers, General Interest, and End Users

This standard details pump piping requirements for rotodynamic pumps and effects of inlet and outlet piping on pump performance. This standard is applicable to all piping downstream and upstream from the pump but not when entering tank, vessel or intake structure.

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Terry Burger <standards@iapmostandards.org> | 4755 East Philadelphia Street | Ontario, CA 91761 <https://www.iapmostandards.org>

Revision

BSR/IAPMO Z1033-202x, Flexible PVC Hoses and Tubing for Pools, Hot Tubs, Spas, and Jetted Bathtubs (revision of ANSI/IAPMO Z1033-2015 (R2020))

Stakeholders: Manufacturers, Contractors, Plumbing Inspectors and Plumbing Engineers

Project Need: Correct technical errors in Table 4, Brittleness values.

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

This Standard covers flexible PVC hoses and tubing for use on pools, hot tubs, spas, and jetted bathtubs and specifies requirements for materials, physical characteristics, performance tests, and markings. Flexible PVC hoses and tubing covered by this Standard are intended to be used on hot tub, spa, and jetted bathtub (a) water circulation systems; and (b) pneumatic systems.

NECA (National Electrical Contractors Association)

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

New Standard

BSR/NECA 715-202x, Standard for Installing Power Distribution Equipment in Data Centers (new standard)
Stakeholders: Electrical contractors and their customers, Inspectors, Specifiers, Electricians, and Engineers.

Project Need: National Electrical Installation Standards (developed by NECA in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic safety requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a “professional and skillful” manner.

Interest Categories: Construction, General Interest, Producer, and Government

1.1 Scope. This Standard describes the procedures for installing electrical power distribution system equipment typically used in a data center environment. This Standard applies to electrical conductors and equipment typically installed between uninterruptible power supplies (UPSs) and rack-mounted PDUs, inclusively, including:

- Conductors;
- Grounding and Bonding requirements of equipment;
- Uninterruptible Power Supplies (UPSs);
- Static Transfer Switches (STSs);
- Transformers;
- Switchboards and panelboards; and
- Power Distribution Units (PDUs), both unit substation type and rack-mounted.

1.2 Products and Applications Excluded. This Standard does not apply to:

- The design of electrical power distribution equipment or systems;
- Generators or generation systems.
- Equipment upstream of UPSs, such as service entrance equipment, including panelboards, switchboards, or switchgear, circuits, and conductors that supply UPSs; and
- Rack-mounted equipment, such as rack-mounted ATs or rack-mounted UPSs, supplied from rack-mounted PDUs.

NEMTAC (Non-Emergency Medical Transportation Accreditation Commission)

Peter Hicks <phicks@nemtac.co> | 2307 S Rural Road | Tempe, AZ 85282 www.nemtac.co

New Standard

BSR/NEMTAC 1002-202x, Modes of Transportation (new standard)

Stakeholders: NEMT Providers, Taxi, Paratransit, Transit, Brokers, Insurance Companies, Discharge Planners, Social Workers, Nurses, Doctors, Hospitals, Clinics, Dialysis Centers, Physician Offices, Nursing Homes, Assisted Living Centers, Transportation Regulators

Project Need: The consensus body created by NEMTAC includes: non-emergency medical transportation providers, stretcher transport services, wheelchair van transportation services, passengers/consumers, insurance plans, non-emergency medical transportation brokers, taxi services. This project clarifies for the industry the various modes of transportation by definition and vehicle type to provide services to the passengers using the service.

Interest Categories: The consensus body created by NEMTAC includes: non-emergency medical transportation providers, stretcher transport services, wheelchair van transportation services, passengers/consumers, insurance plans, non-emergency medical transportation brokers, taxi services.

NEMTAC has identified the various modes of transportation services required by passengers. In providing these Modes of Transportation Services the methods of transport, equipment required, along with policies, procedures and education provided is commensurate with the needs of the passenger or as defined under this standard or as may be designated in a contract for service. The purpose of the definitions outlined in this standard are designed to apply to all areas of non-emergency medical transportation (NEMT) from transportation provider, through brokers, payors, and regulators to ensure the consistency of language used across the industry.

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-13-202x, Standard for Water Conservation Efficiency in Residential and Public Pools, Spas, Portable Spas and Swim Spas (revision and redesignation of ANSI/APSP/ICC 13-2017)

Stakeholders: Pool equipment, spa, cover, and chemical manufacturers; residential and commercial pool builders; maintenance service providers; leak detection specialists; certifying bodies; pool operators; pool users; public health and building officials; water suppliers, water conservation authorities; environmental advocacy groups, and the general public.

Project Need: Revision of the standard is needed to incorporate up-to-date technological advances and understanding of water conservation. The standard is to describe water use by pools and spas and provide a means of achieving a higher degree of water-use efficiency, including but not limited to: (1) evaporation; (2) filtration; (3) new pool leak prevention and existing pool leak mitigation; (4) design considerations to account for user behaviors, such as splash out and tracking contaminants; (5) total dissolved solids control and reduction; (6) water quality maintenance approaches that reduce the formation of sanitizer by-products; (7) auto water level systems; and (8) water level sensing/alarms, thereby minimizing the need for water replacement.

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

This standard covers methods and technologies to increase the efficient use and conservation of water for residential and public recreational pools and spas equipped with a filtration circulation system. This standard applies to both new and existing facilities. Key areas addressed include evaporation reduction, filtration optimization, new pool leak prevention, existing pool leak mitigation, design considerations to account for user behaviors, splash out recapture, total dissolved solids (TDS) control and reduction, water quality maintenance approaches that reduce sanitizer by-products, and the use of auto water level systems.

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 62841-3-3-202x, Standard for electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-3 Particular requirements for transportable planers and thicknessers (identical national adoption of IEC 62841-3-3 Ed. 1)

Stakeholders: Consumers, commercial and industrial users, supply chain and manufacturers of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery, specifically related to the use and manufacturing of transportable planers and thicknessers.

Project Need: This project is needed to obtain standard recognition for a new Standard covering requirements for electric motor-operated hand-held tools, transportable tools and lawn and garden machinery with particular requirements for transportable planers and thicknessers with the adoption of IEC 62841-3-3 Ed. 1. The Standard is intended to harmonize terminology, design, and construction specifications, and test methods used for verification of safety requirements related specifically to transportable planers and thicknessers. The adoption of this Standard is important to continue to provide harmonized international-based requirements for electric motor-operated hand-held tools, transportable tools and lawn and garden machinery.

Interest Categories: AHJ, Commercial/Industrial Users, Consumers, General, Government, International Delegates, Producers, Supply Chain, Testing & Standard Organizations.

This international standard deals with the safety of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery with particular requirements for transportable planers and thicknessers.

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: December 22, 2024

DirectTrust™ (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 | standards@directtrust.org, www.DirectTrust.org

New Standard

BSR/DS2019-01-200-202x, XDR and XDM for Direct Secure Messaging Specification (new standard)
The XDR and XDM for Direct Secure Messaging Specification was created to provide the necessary requirements for using the IHE XD Metadata in the context of the Direct Standard® (ANSI/DS 2019-01-100-2021). It builds upon existing specifications, such as the Cross-Enterprise Document Media Exchange (XDM) which provides Direct Protocol compatible healthcare specific metadata exchange, and the Cross-Enterprise Document Reliable Interchange (XDR) which is used in SOAP-based Web Services healthcare exchange networks. The XDR and XDM for Direct Secure Messaging Specification specifies not only a guidance for the use of these specifications but adds requirements and constraints to reduce interoperability "friction" among healthcare organizations with different technological bases.

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

Send comments (copy psa@ansi.org) to: Stacy Clements <standards@directtrust.org>

NSF (NSF International)

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

Revision

BSR/NSF 7-202x (i30r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2023)

This standard contains requirements for refrigerators and freezers used to store and/or display cold food. The types of refrigerators and freezers covered by this standard include, but are not limited to, storage refrigerators (e.g., reach-in, under counter, walk-in, roll-in); storage freezers (e.g., reach-in, under counter, walk-in, roll-in); rapid pull-down refrigerators and freezers; refrigerated food transport cabinets; refrigerated buffet units; refrigerated food preparation units; display refrigerators; beverage coolers; and ice cream cabinets.

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

Send comments (copy psa@ansi.org) to: Allan Rose <arose@nsf.org>

Comment Deadline: December 22, 2024

NSF (NSF International)

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

Revision

BSR/NSF 173-202x (i116r2), Dietary Supplements (revision of ANSI/NSF 173-2024)

This standard contains requirements for dietary supplements that contain one or more of the following dietary ingredients: a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by humans to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients.

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

Send comments (copy psa@ansi.org) to: Rachel Brooker <rbrooker@nsf.org>

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60079-10-2-202x, Standard for Safety for Explosive Atmospheres - Part 10-2: Classification of Areas - Explosive Dust Atmospheres (national adoption with modifications of IEC 60079-10-2)

(1) Revisions to 3.25.2DV and 3.25.3DV per responses to comments received.

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 258-202x, Standard for Safety for Shutoff Valves for Trim and Drain Purposes for Fire Protection (revision of ANSI/UL 258-2022)

These requirements cover shutoff valves for trim and drain purposes for fire protection service. This standard covers valve constructions such as ball valves, butterfly valves, globe valves, and plug valves. These valves are intended for installation and use in accordance with the following standards: Low Expansion Foam, NFPA 11; Sprinkler Systems, NFPA 13; Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R; Standpipe and Hose Systems, NFPA 14; Water Spray Fixed Systems for Fire Protection, NFPA 15; and Stationary Pumps for Fire Protection, NFPA 20.

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 746S-202X, Standard for Safety for Evaluation of Sustainable Polymeric Materials for Use in Electrical Equipment (revision of ANSI/UL 746S-2023)

This proposal for UL 746S covers (1) the addition of new definitions to the Glossary, Section 4; (2) the revision of Paragraph 6.1.1; (3) the revision of Figure 6.1; and (4) the addition of new Figure 6.2.

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

Send comments (copy psa@ansi.org) to: Derrick Martin; Derrick.L.Martin@ul.org

Comment Deadline: December 22, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1951-202x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2020)
The requirements in this standard cover equipment connected to or used with plumbing in commercial or household locations. Examples of equipment covered by these requirements are irrigation equipment, sprinkler controls, pedicure spas, water controls located in kitchens and bathrooms, electric faucets, toilets and toilet flushing systems. All equipment is intended for installation and use in accordance with NFPA 70, and is rated 600 volts or less. These requirements do not cover pumps, dishwashers, washing machines, or other equipment connected to plumbing that is covered by individual requirements. These requirements do not also cover refrigeration systems or controls that regulate water temperature, or equipment for use in hazardous locations as defined in NFPA 70.

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

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

Comment Deadline: January 6, 2025

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S604.3 NOV2020 (R202x), Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment (reaffirmation of ANSI/ASAE S604.3-NOV2020)
This standard is a guide to provide a reasonable degree of personal safety for operators and other persons during normal operation and servicing of the power take-off (PTO) drive shafts of a tractor or self-propelled machine used in agriculture and the power input connection (PIC) of its implement, in addition to what is given in ANSI/ASABE AD5673-1:2005. It is applicable only to those PTO drive shafts and guards mechanically linked to the shaft by at least two bearings.

Single copy price: Free

Obtain an electronic copy from: stell@asabe.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0100012-2019 (R202x), Standard Outage Classification (reaffirmation of ANSI/ATIS 0100012-2019)
This Standard provides a standard on the classification of outages for use by the telecommunications industry.

Single copy price: Free

Obtain an electronic copy from: masefa@atis.org

Send comments (copy psa@ansi.org) to: Mignot Asefa <masefa@atis.org>

Comment Deadline: January 6, 2025

AWS (American Welding Society)

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

New Standard

BSR/AWS B5.17-202x, Specification for the Qualification of Welding Fabricators (new standard)

This standard establishes the minimum requirements necessary to qualify as a Welding Fabricator. The qualification is determined based on an examination of the implementation of the fabricator's Quality Manual to verify compliance to the requirements defined in this specification. This document also defines the Welding Fabricator's functions and lists the minimum reference materials that the Welding Fabricator should possess.

Single copy price: \$28.50 (Members)/\$38.00 (Nonmembers)

Obtain an electronic copy from: bboddiger@aws.org

Send comments (copy psa@ansi.org) to: Brenda Boddiger <bboddiger@aws.org>

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504 | skooy@bifma.org, www.bifma.org

Revision

BSR/BIFMA e3-202X, Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2019 (i23r2))

This standard provides measurable criteria for multiple tiers of sustainability achievement and/or performance. This standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, casegoods, tables, seating, and accessories. The standard is also applicable to assemblies and components manufactured by suppliers to furniture manufacturers. However, not all product categories can achieve higher tiers of conformance. If a new product category is in question, it shall be reviewed via the criteria interpretation process.

Single copy price: Free

Obtain an electronic copy from: skooy@bifma.org

Send comments (copy psa@ansi.org) to: Steven Kooy <skooy@bifma.org>

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA T100-202x, Information and communication technology code for buildings (new standard)

This code and associated standards will specify the requirements for information and communication technology infrastructure and equipment operating or intended to operate as communications and digital networks for buildings, structures, and premises, including factory-built relocatable and non-relocatable structures. Potential environments where this code will be applied are office buildings, industrial buildings, education buildings, health care buildings and specialty buildings such as museums, stadiums, government installations, and commercial buildings. Topics that will be addressed by the code include the physical network medium; enclosing pathway and enclosures; network topology, connectivity, quality and nature of the service; security and safety of the network and environment, and security and privacy of data on the network and environment.

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: January 6, 2025

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA HGV 4.1-2020 (R202x), Hydrogen-dispensing systems (reaffirmation of ANSI/CSA HGV 4.1-2020)

This Standard specifies mechanical and electrical requirements for dispensers of compressed hydrogen gas intended for fuel storage systems integral to fuel cell vehicles at pressures of 25, 35, 50, and 70 MPa.

Dispensing systems covered by this Standard include (a) HGV dispensers that integrate all dispensing system components in a single unit, including fuel metering and registering, flow control and safety management devices, heat exchangers, and vehicle fuel cylinder over-fill and over-pressure protection with listed hoses with nozzles; or (b) HGV dispensers that are primarily the customer facing unit with fueling hose assembly listed hoses, nozzles, and operator interface, and where the key components of flow metering and over- pressure and over-fill protection are located in a separate unit or part of the hydrogen fuelling station system.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

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

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA HGV 4.9-2020 (R202x), Hydrogen fueling stations (reaffirmation of ANSI/CSA HGV 4.9-2020)

This Standard specifies the design, installation, operation, and maintenance of site-built and modular gaseous hydrogen fuelling stations (HFS) intended to fuel on-road vehicles.

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

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

CSA (CSA America Standards Inc.)

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

Revision

BSR/CSA/IGSHPA C448 SERIES-202x, Design and installation of ground source heat pump systems for commercial and residential buildings (revision of ANSI/CSA/IGSHPA C448 SERIES-2016 (R2021))

This Standard applies to unitary single package or split system liquid source and ground source heat pumps for all systems using groundwater, submerged heat exchangers, or ground heat exchangers as a thermal source or sink for heating and/or cooling, with or without a supplementary heating source. This Standard also applies to direct-expansion ground source heat pumps for systems using ground heat exchangers as a thermal source or sink for heating and/or cooling, with or without a supplementary heating source. This Standard covers minimum requirements for equipment and material selection, site survey, system design, installation, testing and verification, documentation, and commissioning and decommissioning. This Standard applies to standing column-well ground-source heat-pump systems, district energy systems, and energy foundations. This Standard also applies to thermal energy storage systems. This Standard applies to new and retrofit installations. It includes an annex on Wastewater Energy Transfer systems.

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: January 6, 2025

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org

Revision

BSR/FCI 99-1-202x, Standard for Performance Testing of Secondary Pressure Drainers (revision of ANSI/FCI 99-1-2020)

This standard specifies performance tests that are considered to be applicable to secondary pressure drainers. These tests may be conducted to evaluate the performance of a particular design, either currently in production or under consideration for production.

Single copy price: Free

Obtain an electronic copy from: fci@fluidcontrolsinstitute.org

Send comments (copy psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

MHI (Material Handling Industry)

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

Revision

BSR MH16.3-202X, Design, Testing, and Utilization of Industrial Steel Cantilevered Storage Racks (revision of ANSI/MH16.3-2016)

This standard specifies minimum requirements for the structural design, testing, and utilization of industrial steel cantilevered storage racks constructed of cold-formed or structural steel members. A cantilevered rack is a storage system designed to store long, bulky, or irregular materials of almost any length. Cantilevered racks generally consist of freestanding columns connected to fixed bases that are anchored to the floor, and load arms that cantilever from the columns. Adjacent columns and arms are spaced to support the load. Stability is provided with column cross-braces.

Single copy price: \$150.00

Obtain an electronic copy from: pdavison@mhi.org

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

SAAMI (Sporting Arms and Ammunition Manufacturers Institute)

6 Corporate Drive, Suite 650, Shelton, CT 06484 | bosowiecki@saami.org, www.saami.org

Revision

BSR/SAAMI Z299.4-202X, Voluntary Industry Performance Standards for Pressure and Velocity of Centerfire Rifle Ammunition for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.4-2015)

In the interests of safety and interchangeability, this Standard provides pressure and velocity performance and dimensional characteristics for centerfire rifle sporting ammunition and their respective chambers. Included are procedures and equipment for determining these criteria.

Single copy price: \$35.00 (ANSI Member)/\$45.00 (Non-Member)

Obtain an electronic copy from: bosowiecki@saami.org

Send comments (copy psa@ansi.org) to: Brian Osowiecki, bosowiecki@saami.org

Comment Deadline: January 6, 2025

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60335-2-79-202x, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2 -79: Particular Requirements for High Pressure Cleaners and Steam Cleaners (national adoption with modifications of IEC 60335-2-79, Ed. 5)

This international standard deals with the safety of high-pressure cleaners for household, industrial, and commercial use. These requirements cover portable, stationary, and fixed high-pressure cleaning machines in which the discharge line is hand supported and manipulated, and intended for household, farm or commercial/industrial applications. This Standard also applies to fixed appliances within the above limits, and is also applicable to appliances making use of other forms of energy for the motor, but it is necessary that their influence is taken into consideration.

Single copy price: Free

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

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

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 62784-202x, Standard for Safety for Vacuum Cleaners and Dust Extractors providing Equipment Protection Level Dc for the Collection of Combustible Dusts - Particular Requirements (national adoption with modifications of IEC 62784)

Adoption of IEC 62784, Vacuum Cleaners and Dust Extractors providing Equipment Protection Level Dc for the Collection of Combustible Dusts – Particular Requirements, (first edition and AMD1, issued by IEC January 2019) as a new IEC-based harmonized standard, UL 62784 and CSA C22.2 No. 62784 with US & Canada National Differences.

Single copy price: Free

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

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

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, IL 60201 | olivia.lawson@ul.org, <https://ulse.org/>

Reaffirmation

BSR/UL 458-2020 (R202x), Power Converters/Inverters and Power Converter/Inverter Systems for Land Vehicles and Marine Crafts (reaffirmation of ANSI/UL 458-2020)

Reaffirmation and continuance of the Sixth Edition of the Standard for Power Converters/Inverters and Power Converter/Inverter Systems for Land Vehicles and Marine Crafts UL 458, as a standard.

Single copy price: Free

Obtain an electronic copy from: <https://www.shopulstandards.com/>

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: January 6, 2025

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 1567-2012 (R202x), Receptacles and Switches Intended for Use with Aluminum Wire (reaffirmation of ANSI/UL 1567-2012)

Reaffirm current ANS

Single copy price: Free

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

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

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 1681-2012 (R202x), Standard for Wiring Device Configurations (reaffirmation of ANSI/UL 1681-2012 (R2020))

Reaffirm current ANS

Single copy price: Free

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

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: [https://csds.ul.com/Home/ProposalsDefault.;](https://csds.ul.com/Home/ProposalsDefault;)

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 283-202x, Standard for Safety for Air Fresheners and Deodorizers (revision of ANSI/UL 283-2021)

This proposal covers: (1) Addition of Annex A Requirements for Remote and Automatic Delayed Operation; (2) Addition of Requirements for Universal Serial Bus (USB) and Automotive Adapter Powered Appliances; (3) Addition of Requirements for Button Batteries or Coin Cell Batteries; (4) Revisions to Clarify Requirements and Reflect Standards Writing Conventions in Preparation for a New Edition.

Single copy price: Free

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

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

Comment Deadline: January 6, 2025

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 737-202x, Standard for Safety for Fireplace Stoves (revision of ANSI/UL 737-2020)

1 Scope. 1.1 These requirements cover fireplace stoves that are freestanding assemblies having fire chambers intended to be operated open to the room or, when equipped with doors, to be operated with the doors either open or closed. 1.2 Fireplace stoves covered by these requirements are intended for attachment to a residential chimney capable of being used for use with low-heat appliances and intended for use with solid wood or coal fuels. 1.3 Fireplace stoves are intended for installation in accordance with the Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances, NFPA 211, and in accordance with codes such as the International Mechanical Code, International Residential Code, and the Uniform Mechanical Code. 1.4 Fireplace stoves intended for use in mobile homes are to be installed in accordance with the Mobile Home Construction and Safety Standards published by the Department of Housing and Urban Development (HUD). 1.5 The product shall include: (a) A field-installed cord-connected or permanently connected blower assembly and (b) Other field-installed electrical accessories, rated at 250 volts or less, and intended to be employed in locations in accordance with the National Electrical Code, NFPA 70.

Single copy price: Free

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 943-202x, Standard for Safety for Ground-Fault Circuit-Interrupters (revision of ANSI/UL 943-2023)

A proposed revision to UL 943, Standard for Ground-Fault Circuit-Interrupters, which includes the following: (1) Optional Rating: UL 943 for other than 60 Hz - High Frequency HF; (2) Optional Rating: UL 943 for other than 60 Hz - High Frequency Plus HF+; (3) Remote Critical Software Update Functionality: UL 5500 and UL 60730-1/CAN/CSA E60730-1, Annex H.11.12.4; (4) Corresponding Proposal to implement the intent of the Formal Interpretation; and (5) EMC Proposal - Immunity Update.

Single copy price: Free

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

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

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1963-202x, Standard for Safety for Refrigerant Recovery/Recycling Equipment (revision of ANSI/UL 1963-2021)

Revision to update a reference to a withdrawn and replaced standard for thermocouples.

Single copy price: Free

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

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

Comment Deadline: January 21, 2025

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 1795-202x, Standard for Safety for Hydromassage Bathtubs (new standard)

The requirements in this standard cover indoor hydromassage bathtubs, rated 250 volts or less, for household and commercial use, for permanent connection to the plumbing of the building. They are intended for either permanent connection to the electrical supply or are factory-provided with a cord terminating in an attachment plug, and are intended for installation and use in accordance with the National Electrical Code, NFPA 70. These requirements do not cover portable cord-connected hydromassage equipment, which is covered by UL 1431, or hydrotherapy tubs, which are covered by UL 60601-1. The majority of the requirements in this standard address complete hydromassage bathtubs, including field-installed accessories.

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.com/ProposalAvailable>.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2196-202x, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables (revision of ANSI/UL 2196-2020)

(1) New Edition of UL 2196, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

Single copy price: Free

Order from: <https://www.shopulstandards.com/>

Send comments (copy psa@ansi.org) to: Griff Edwards <griff.edwards@ul.org>

Project Withdrawn

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

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

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

BSR/AHRI Standard 1351-202x (SI), Mechanical Performance Rating of Central Station Air-Handling Unit Casings (revision of ANSI/AHRI Standard 1351 (SI)-2015)

Send comments (copy psa@ansi.org) to: Jerry Yeh <jyeh2@ahrinet.org>

NENA (National Emergency Number Association)

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

BSR/NENA-STA-016.1-201X, NENA Standard for Department of Defense Notifications (new standard)

Send comments (copy psa@ansi.org) to: Sandy Dyre <crm@nena.org>

Final Actions on American National Standards

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

ASA (ASC S12) (Acoustical Society of America)

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

ANSI ASA S12.61-2024, Declaration and Verification of Noise Emission Values of Machinery, Equipment, and Products (revision of ANSI/ASA S12.61-2020) Final Action Date: 11/12/2024 | *Revision*

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

ANSI/ASME B1.5-1997-2024, ACME Screw Threads (new standard) Final Action Date: 11/12/2024 | *New Standard*

ANSI/ASME B1.25-2019 (R2024), Measurement Uncertainty Factors in the Calibration of Screw Thread Gages (reaffirmation of ANSI/ASME B1.25-2019) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/ASME B30.4-2020 (R2024), Portal and Pedestal Cranes (reaffirmation of ANSI/ASME B30.4-2020) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/ASME Y14.3-2012 (R2024), Orthographic and Pictorial Views (reaffirmation of ANSI/ASME Y14.3-2012 (R2018)) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/ASME Y14.5-2018 (R2024), Dimensioning and Tolerancing (reaffirmation of ANSI/ASME Y14.5-2018) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/ASME Y14.34-2013 (R2024), Associated Lists (reaffirmation of ANSI/ASME Y14.34-2013 (R2018)) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/ASME Y14.36-2018 (R2024), Surface Texture Symbols (reaffirmation of ANSI/ASME Y14.36-2018) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/ASME Y14.44-2024, Reference Designations for Electrical and Electronics Parts and Equipments (reaffirmation of ANSI/ASME Y14.44-2008 (R2014)) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/ASME P30.1-2024, Planning for Load Handling Activities (revision of ANSI/ASME P30.1-2019) Final Action Date: 11/15/2024 | *Revision*

ANSI/ASME B1.10M-2004 (S2024), Unified Miniature Screw Threads (stabilized maintenance of ANSI/ASME B1.10M-2004 (R2019)) Final Action Date: 11/12/2024 | *Stabilized Maintenance*

ASSP (Safety) (American Society of Safety Professionals)

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

ANSI/ASSP Z490.1-2024, Criteria for Accepted Practices in Safety, Health and Environmental Training (revision and redesignation of ANSI/ASSE Z490.1-2016) Final Action Date: 11/14/2024 | *Revision*

AWS (American Welding Society)

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

ANSI/AWS C2.26/C2.26M-2024, Specification for Thermal Spray Powder (new standard) Final Action Date: 11/12/2024 | *New Standard*

AWWA (American Water Works Association)

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

ANSI/AWWA B104-2024, Single-Use Ion Exchange Treatment for Trace Contaminant Removal (new standard) Final Action Date: 11/12/2024 | *New Standard*

ANSI/AWWA C604-2024, Installation of Buried Steel Water Pipe-4 In. (100 mm) and Larger (revision of ANSI/AWWA C604-2017) Final Action Date: 11/12/2024 | *Revision*

HI (Hydraulic Institute)

300 Interpace Parkway, Building A, 3rd Floor, #280, Parsippany, NJ 07054 | amoser@pumps.org, www.pumps.org

ANSI/HI 14.1-14.2-2024, Rotodynamic Pumps for Nomenclature and Definitions (revision of ANSI/HI 14.1-14.2-2019) Final Action Date: 11/13/2024 | *Revision*

ANSI/HI 14.3-2024, Rotodynamic Pumps for Design and Application (revision of ANSI/HI 14.3-2019) Final Action Date: 11/13/2024 | *Revision*

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

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

ANSI/ASSE Series 8000 (R2024), Self-Contained Breathing Apparatus (SCBA) Replenishment Systems - Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 8000-2011 (R2020)) Final Action Date: 11/18/2024 | *Reaffirmation*

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | standards@iapmostandards.org, <https://www.iapmostandards.org>

ANSI/IAPMO S1001.1 (R2024), Design and Installation of Solar Water Heating Systems (reaffirmation of ANSI/IAPMO S1001.1-2013 (R2019)) Final Action Date: 11/18/2024 | *Reaffirmation*

ISEA (International Safety Equipment Association)

1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | djones@safetysafetyequipment.org; tbrosnan@safetysafetyequipment.org, www.isea.org

ANSI/ISEA 105-2024, Hand and Arm Protection Classification (revision of ANSI/ISEA 105-2016) Final Action Date: 11/14/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 14-2024 (i146r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2023) Final Action Date: 11/7/2024 | *Revision*

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 | tsputo50@gmail.com, www.sdi.org

ANSI/SDI AISI S901 (R2024), Test Standard for Determining the Rotational-Lateral Stiffness of Beam-to-Panel Assemblies (reaffirmation of ANSI/AISI S901-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S903 (R2024), Test Standard for Determining the Uniform and Local Ductility of Carbon and Low-Alloy Steels (reaffirmation of ANSI/AISI S903-2020) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S904 (R2024), Test Standard for Determining the Tensile and Shear Strengths of Steel Screws (reaffirmation of ANSI/AISI S904-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 | tsputo50@gmail.com, www.sdi.org

ANSI/SDI AISI S906 (R2024), Test Standard for Determining the Load-Carrying Strength of Panels and Anchor-to-Panel Attachments for Roof or Siding Systems Tested in Accordance with ASTM E1592 (reaffirmation of ANSI/AISI S906-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S907 (R2024), Test Standard for Determining the Strength and Stiffness of Cold-Formed Steel Diaphragms by the Cantilever Test Method (reaffirmation of ANSI/AISI S907-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S908 (R2024), Test Standard for Determining the Flexural Strength Reduction Factor of Purlins Supporting a Standing Seam Roof System (reaffirmation of ANSI/AISI S908-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S909 (R2024), Test Standard for Determining the Web Crippling Strength of Cold-Formed Steel Flexural Members (reaffirmation of ANSI/AISI S909-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S910 (R2024), Test Standard for Determining the Distortional Buckling Strength of Cold-Formed Steel Hat-Shaped Compression Members (reaffirmation of ANSI/AISI S910-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S911 (R2024), Test Standard for Determining the Flexural Strength of Cold-Formed Steel Hat-Shaped Members (reaffirmation of ANSI/AISI S911-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S913 (R2024), Test Standard for Determining the Strength and Deformation Behavior of Hold-Downs Attached to Cold-Formed Steel Structural Framing (reaffirmation of ANSI/AISI S913-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S914 (R2024), Test Standard for Determining the Strength and Deformation Behavior of Joist Connectors Attached to Cold-Formed Steel Structural Framing (reaffirmation of ANSI/AISI S914-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S915 (R2024), Test Standard for Determining the Strength and Deformation Behavior of Through-the-Web Punchout Cold-Formed Steel Wall Stud Bridging Connectors (reaffirmation of ANSI/AISI S915-2020) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S916 (R2024), Test Standard for Determining the Strength and Stiffness of Cold-Formed Steel-Framed Nonstructural Interior Partition Walls Sheathed with Gypsum Board (reaffirmation of ANSI/AISI S916-2020) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S917 (R2024), Test Standard for Determining the Fastener-Sheathing Local Translational Stiffness of Sheathed Cold-Formed Steel Assemblies (reaffirmation of ANSI/AISI S917-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S918 (R2024), Test Standard for Determining the Fastener-Sheathing Rotational Stiffness of Sheathed Cold-Formed Steel Assemblies (reaffirmation of ANSI/AISI S918-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S919 (R2024), Test Standard for Determining the Flexural Strength and Stiffness of Cold-Formed Steel Nonstructural Members (reaffirmation of ANSI/AISI S919-2017) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S921 (R2024), Test Standard for Determining the Strength and Stiffness of Cold-Formed Steel Truss Assemblies and Components (reaffirmation of ANSI/AISI S921-2019) Final Action Date: 11/12/2024 | *Reaffirmation*

ANSI/SDI AISI S922 (R2024), Test Standard for Determining the Strength and Stiffness of Bearing-Friction Interference Connector Assemblies in Profiled Steel Panels (reaffirmation of ANSI/AISI S922-2019) Final Action Date: 11/12/2024 | *Reaffirmation*

SDI (Steel Deck Institute)

1731 NW 6th Street, Suite D, Gainesville, FL 32609 | tspoto50@gmail.com, www.sdi.org

ANSI/SDI AISI S924 (R2024), Test Standard for Determining the Effective Flexural Stiffness of Composite Members (reaffirmation of ANSI/AISI S924-2020) Final Action Date: 11/12/2024 | *Reaffirmation*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-171-B-2019 (R2024), Attenuation by Substitution Measurement for Short Length Multimode Graded Index and Single-Mode Optical Fiber Cable Assemblies (reaffirmation of ANSI/TIA 455-171-B-2019) Final Action Date: 11/12/2024 | *Reaffirmation*

ULSE (UL Standards & Engagement)

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

ANSI/UL/ULC 1390-2024, Standard for Solid Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Masonry Fireplaces (new standard) Final Action Date: 11/13/2024 | *New Standard*

ANSI/UL 60079-6-2016 (R2024), Standard for Safety for Explosive Atmospheres - Part 6: Equipment Protection by Liquid Immersion (reaffirm a national adoption ANSI/UL 60079-6-2016 (R2020)) Final Action Date: 11/14/2024 | *Reaffirmation*

ANSI/UL 514A-2024, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2022) Final Action Date: 11/15/2024 | *Revision*

ANSI/UL 621-2024, Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621-2020) Final Action Date: 11/14/2024 | *Revision*

ANSI/UL/ULC 1370-2024, Standard for Unvented Alcohol Fuel Burning Decorative Appliances (revision of ANSI/UL 1370-2016) Final Action Date: 11/13/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

Membership in the INCITS Executive Board is open to all directly and materially interested parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/membership-info> for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following underrepresented categories:

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures.

More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developer

SFIA - Steel Framing Industry Association

Please respond by November 29, 2024

SFIA, a relatively new ANSI-accredited SDO, will be the body responsible for the development of the cold-formed steel framing standards previously promulgated by the American Iron and Steel Institute (AISI).

SFIA is actively seeking participation in the following standards development work:

- AISI S202, Code of Standard Practice for Cold-Formed Steel Structural Framing
- AISI S220, North American Standard for Cold-Formed Steel Nonstructural Framing
- AISI S230, Standard for Cold-Formed Steel Framing – Prescriptive Method for One- and Two-Family Dwellings
- AISI S240, North American Standard for Cold-Formed Steel Structural Framing
- AISI S250, North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing
- AISI S400, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems
- AISI S9XX, a suite of eleven (11) test standards for Cold-Formed Steel Framing

SFIA is actively seeking participation for each of the above standards in each the following interest categories:

- *Producer* - An individual employed by or otherwise representing an organization that produces or supplies Cold-Formed Steel Framing or Cold-Formed Steel Framing accessories.
- *User* - An individual employed by or otherwise representing an organization that purchases, uses, or specifies Cold-Formed Steel Framing or Cold-Formed Steel Framing accessories. This category includes, but is not limited to, design engineers, architects, representatives of government agencies that purchase or specify Cold-Formed Steel Framing, owners, builders, fabricators, installers, or distributors.
- *General Interest* - General Interest members are neither Producers nor Users. This category includes, but is not limited to, educators, researchers, representatives of regulatory agencies, software developers, technical or professional societies, and manufacturers of related products.

To apply or obtain additional information please contact Meredith Perez at meredith@steelframing.org by November 29, 2024. For more information, see www.steelframing.org.

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S604.3 NOV2020 (R202x), Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment (reaffirmation of ANSI/ASAE S604.3-NOV2020)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0100012-2019 (R202x), Standard Outage Classification (reaffirmation of ANSI/ATIS 0100012-2019)

AWS (American Welding Society)

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

BSR/AWS B5.17-202x, Specification for the Qualification of Welding Fabricators (new standard)

DirectTrust™ (DirectTrust.org, Inc.)

1629 K Street NW, Suite 300, Washington, DC 20006 | standards@directtrust.org, www.DirectTrust.org

BSR/DS2019-01-200-202x, XDR and XDM for Direct Secure Messaging Specification (new standard)

Interest Categories: Call for DirectTrust Standards Members DS2019 – The Direct Standard® Are you interested in contributing to the development and maintenance of the Direct Standard® to enable exchange of authenticated, encrypted health information to known trusted recipients? DirectTrust Standards is currently looking for members in the following categories: a) Healthcare Sector (b) Government Sector (c) Healthcare Payer Sector (d) Consumer Sector and General Interest

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org

BSR/FCI 99-1-202x, Standard for Performance Testing of Secondary Pressure Drainers (revision of ANSI/FCI 99-1-2020)

HI (Hydraulic Institute)

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

BSR/HI 9.6.6-202x, Rotodynamic Pumps for Pump Piping (revision of ANSI/HI 9.6.6-2022)

NECA (National Electrical Contractors Association)

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

BSR/NECA 715-202x, Standard for Installing Power Distribution Equipment in Data Centers (new standard)

NSF (NSF International)

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

BSR/NSF 7-202x (i3Or1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2023)

NSF (NSF International)

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

BSR/NSF 173-202x (i116r2), Dietary Supplements (revision of ANSI/NSF 173-2024)

PHTA (Pool and Hot Tub Alliance)

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

BSR/PHTA/ICC-13-202x, Standard for Water Conservation Efficiency in Residential and Public Pools, Spas, Portable Spas and Swim Spas (revision and redesignation of ANSI/APSP/ICC 13-2017)

ULSE (UL Standards & Engagement)

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

BSR/UL 1795-202x, Standard for Safety for Hydromassage Bathtubs (new standard)

Interest Categories: ULSE is looking for participants in the following interest categories: Authorities Having Jurisdiction, Commercial/Industrial Users, Consumer, General Interest, Government, Supply Chain.

Call for Members (ANS Consensus Bodies)

ULSE (UL Standards & Engagement)

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

BSR/UL 1951-202x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2020)

Interest Categories: ULSE is looking for participants in the following interest categories: Commercial/Industrial Users, Consumer, General Interest, Government, and Supply Chain

ULSE (UL Standards & Engagement)

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

BSR/UL 2196-202x, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables (revision of ANSI/UL 2196-2020)

Call for Members (ANS Consensus Bodies)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More...

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

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition):
www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures):
www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS):
www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form):
www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS:
www.ansi.org/asd
- American National Standards Key Steps:
www.ansi.org/anskeysteps
- American National Standards Value:
www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers:
<https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR):
<https://ibr.ansi.org/>
- ANSI - Education and Training:
www.standardstolearn.org

Accreditation Announcements (Standards Developers)

Application for ANSI Audited Designator Status

AWWA - American Water Works Association

Comment Deadline: 12/23/2024

In accordance with Section 5.1 *Application for ANSI Audited Designator Status* of the *ANSI Essential Requirements: Due process requirements for American National Standards (ANSI Essential Requirements – www.ansi.org/essentialrequirements)*, the American Water Works Association (AWWA) has submitted an application to be delegated the authority to apply the American National Standard (ANS) designation without ANSI Board of Standards Review (BSR) review (Audited Designator status) using AWWA's ANSI-accredited procedures.

To request further information or to offer comments during the ANSI public comment period, please contact:

Paul Olson
Senior Manager of Standards
American Water Works Association (AWWA)
6666 W. Quincy Avenue
Denver, CO 80235
p: (303) 347-6178
e: polson@awwa.org

The deadline for submitting comments to the AWWA is **December 23, 2024**. A copy of public comments submitted to AWWA should be sent to psa@ansi.org.

Please note that comments that are received during the ANSI public comment period will be considered and responded to by AWWA and provided to the ANSI Executive Standards Council (ExSC). Comments received subsequent to the closing of the ANSI public comment period may be considered at the discretion of the AWWA and the ANSI Executive Standards Council (ExSC).

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)
AARST (American Association of Radon Scientists and Technologists)
AGA (American Gas Association)
AGSC (Auto Glass Safety Council)
ASC X9 (Accredited Standards Committee X9, Incorporated)
ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
ASME (American Society of Mechanical Engineers)
ASTM (ASTM International)
GBI (Green Building Initiative)
HL7 (Health Level Seven)
Home Innovation (Home Innovation Research Labs)
IES (Illuminating Engineering Society)
ITI (InterNational Committee for Information Technology Standards)
MHI (Material Handling Industry)
NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
NCPDP (National Council for Prescription Drug Programs)
NEMA (National Electrical Manufacturers Association)
NFRC (National Fenestration Rating Council)
NISO (National Information Standards Organization)
NSF (NSF International)
PHTA (Pool and Hot Tub Alliance)
RESNET (Residential Energy Services Network, Inc.)
SAE (SAE International)
TCNA (Tile Council of North America)
TIA (Telecommunications Industry Association)
TMA (The Monitoring Association)
ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

ASA (ASC S12)

Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

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ASABE

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

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ASME

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

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ansibox@asme.org

ASSP (Safety)

American Society of Safety Professionals
520 N. Northwest Highway
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www.assp.org

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www.awwa.org

Madeline Rohr
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BIFMA

Business and Institutional Furniture
Manufacturers Association
678 Front Avenue NW, Suite 150
Grand Rapids, MI 49504
www.bifma.org

Steven Kooy
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CSA

CSA America Standards Inc.
8501 East Pleasant Valley Road
Cleveland, OH 44131
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DirectTrust

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1629 K Street NW, Suite 300
Washington, DC 20006
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Alexander Moser
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IAPMO (ASSE Chapter)

ASSE International Chapter of IAPMO
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448
www.asse-plumbing.org

Terry Burger
standards@iapmostandards.org

IAPMO (Z)

International Association of Plumbing &
Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
<https://www.iapmostandards.org>

Terry Burger
standards@iapmostandards.org

ISEA

International Safety Equipment Association
1101 Wilson Blvd, Suite 1425
Arlington, VA 22209
www.safetyequipment.org

Diana Jones
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tbrosnan@safetyequipment.org

MHI

Material Handling Industry
8720 Red Oak Boulevard, Suite 201
Charlotte, NC 28217
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NEMTAC

Non Emergency Medical Transportation
Accreditation Commission
2307 S Rural Road
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www.nemtac.co

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NSF

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789 N. Dixboro Road
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PHTA

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

Blake Pavlik
bpavlik@phta.org

SAAMI

Sporting Arms and Ammunition
Manufacturers Institute
6 Corporate Drive, Suite 650
Shelton, CT 06484
www.saami.org

Brian Osowiecki
bosowiecki@saami.org

SDI (Canvass)

Steel Deck Institute
1731 NW 6th Street, Suite D
Gainesville, FL 32609
www.sdi.org

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TIA

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1320 North Courthouse Road, Suite 200
Arlington, VA 22201
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ISO & IEC Draft International Standards



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

COMMENTS

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

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

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

ISO Standards

Control and safety devices for non industrial gas-fired appliances and systems (TC 161)

ISO/DIS 23552-1, Control and protective devices for gaseous and liquid fuels - Particular requirements - Part 1: Electronic fuel/air ratio control systems, including associated sensors and mechanical actuators - 1/30/2025, \$112.00

Document imaging applications (TC 171)

ISO/DIS 22144, Authenticity of Information - Content Credentials - 1/31/2025, \$185.00

Earth-moving machinery (TC 127)

ISO/DIS 21815-4, Earth-moving machinery - Collision warning and avoidance - Part 4: Risk area and risk level for swing/ rotation motion - 2/2/2025, \$88.00

Essential oils (TC 54)

ISO/DIS 3054, Essential oil of lavandin Abrial (Lavandula x intermedia Emeric ex Loisel.) - 2/2/2025, \$46.00

ISO/DIS 8902, Essential oil of lavandin Grosso (Lavandula x intermedia Emeric ex Loisel.) - 2/2/2025, \$46.00

ISO/DIS 24600, Essential oil of roman chamomile (Chamaemelum nobile (L.) All. syn. Anthemis nobilis L.) - 2/2/2025, \$46.00

Fluid power systems (TC 131)

ISO/DIS 3601-2, Fluid power systems - O-rings - Part 2: Housing dimensions for general applications - 2/3/2025, \$125.00

Industrial automation systems and integration (TC 184)

ISO/DIS 8000-220, Data quality - Part 220: Sensor data: Quality measurement - 1/31/2025, \$71.00

Internal combustion engines (TC 70)

ISO/DIS 15619, Reciprocating internal combustion engines - Measurement method for exhaust silencers - Sound power level of exhaust noise and insertion loss using sound pressure and power loss ratio - 1/30/2025, \$102.00

Mechanical vibration and shock (TC 108)

ISO/DIS 16079-1, Condition monitoring and diagnostics of wind turbines - Part 1: General guidelines - 2/2/2025, \$82.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 23131-2, Ellipsometry - Part 2: Bulk material model - 1/31/2025, \$71.00

ISO/DIS 23131-3, Ellipsometry - Part 3: Transparent single layer model - 1/31/2025, \$98.00

Other

ISO/DIS 17232, Leather - Physical and mechanical tests - Determination of heat resistance of patent leather - 1/31/2025, \$46.00

ISO/DIS 3377-2, Leather - Physical and mechanical tests - Determination of tear load - Part 2: Double edge tear - 1/30/2025, \$33.00

ISO/DIS 5403-1, Leather - Determination of water resistance of flexible leather - Part 1: Repeated linear compression (penetrometer) - 1/31/2025, \$46.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 11612.2, Protective clothing - Clothing to protect against heat and flame - Minimum performance requirements - 11/28/2024, \$98.00

ISO/DIS 14116.2, Protective clothing - Protection against flame - Limited flame spread materials, material assemblies and clothing - 11/25/2024, \$77.00

Photography (TC 42)

ISO/DIS 12234-4, Digital imaging - Image storage - Part 4: Digital negative format - 2/1/2025, \$155.00

Plastics (TC 61)

ISO/DIS 1158, Plastics - Vinyl chloride homopolymers and copolymers - Determination of chlorine content - 1/30/2025, \$46.00

ISO/DIS 13741-2, Plastics/rubber - Polymer dispersions and rubber latices (natural and synthetic) - Determination of residual monomers and other organic components by capillary-column gas chromatography - Part 2: Headspace method - 1/31/2025, \$53.00

Plastics pipes, fittings and valves for the transport of fluids (TC 138)

ISO/DIS 13272, Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifiers (PP-MD) and polyethylene (PE) - Specifications for manholes and inspection chambers in traffic areas and underground installations - 2/3/2025, \$82.00

ISO/DIS 11300-2, Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 2: Thermoset composite materials - 1/30/2025, \$125.00

Pulleys and belts (including veebelts) (TC 41)

ISO/DIS 4183, Belt drives - Classical and narrow V-belts - Grooved pulleys (system based on datum width) - 1/30/2025, \$46.00

ISO/DIS 15236-3, Steel cord conveyor belts - Part 3: Special safety requirements for belts for use in underground installations - 2/6/2025, \$62.00

Road vehicles (TC 22)

ISO/DIS 15501-1, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 1: Safety requirements - 1/30/2025, \$67.00

ISO/DIS 15501-2, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 2: Test methods - 1/30/2025, \$53.00

ISO/DIS 21755-3, Motorcycles - Measurement method for evaporative emissions - Part 3: VT-SHED test procedure - 2/6/2025, \$77.00

Safety of toys (TC 181)

ISO/DIS 8124-5, Safety of toys - Part 5: Determination of total concentration of certain elements in toys - 1/31/2025, \$82.00

Steel (TC 17)

ISO/DIS 23475-2, Testing method for steel tyre cord - Part 2: Adhesion test - 2/6/2025, \$53.00

(TC 335)

ISO/DIS 21800, Guidelines for organizations to increase consumer understanding of online terms and conditions - 2/6/2025, \$62.00

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

ISO/DIS 16840-6, Wheelchair seating - Part 6: Determination of changes in properties of seat cushions following simulated use - 2/6/2025, \$93.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 20383, Tractors and machinery for agriculture - Speed Identification Sign (SIS) - 2/1/2025, \$40.00

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

46F/690/CD, IEC 61169-74 ED1: Radio-frequency connectors - Part 74: Sectional specification for HN series RF coaxial connectors with screw coupling - Characteristic impedance 50 ohms, 01/10/2025

Documentation and graphical symbols (TC 3)

3D/415/ED, IEC 61360-C00172: Lists of Properties (LOPs) of process analysers for electronic data exchange (General LOPs), 12/13/2024

Electric traction equipment (TC 9)

9/3158/CD, IEC 62625-3 ED1: Electronic railway equipment - On board driving data recording system - Part 3: Audio and video recording, 01/10/2025

Electrical apparatus for explosive atmospheres (TC 31)

31/1838/CD, IEC 60079-33 ED2: Explosive atmospheres - Part 33: Equipment protection by special protection 's', 03/07/2025

Electrical equipment in medical practice (TC 62)

62D/2192/NP, PNW 62D-2192 ED1: Medical devices - Sleep apnoea breathing therapy - Masks and application accessories, 12/13/2024

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

104/1075/CDV, IEC 60068-2-75/AMD1 ED2: Amendment 1 - Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests, 02/07/2025

Fibre optics (TC 86)

86B/4975/CD, IEC 61755-3-7 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-7: Connector parameters of non-dispersion shifted single mode physically contacting fibres - non-angled 2,5 mm and 1,25 mm diameter cylindrical composite ferrules using titanium as fibre surrounding material, 01/10/2025

86B/4976/CD, IEC 61755-3-8 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-8: Connector parameters of non-dispersion shifted single mode physically contacting fibres - angled 2,5 mm and 1,25 mm diameter cylindrical composite ferrules using titanium as fibre surrounding material, 01/10/2025

86A/2515/DTR, IEC TR 63309 ED1: Active fibres - Characteristics and Measurement Methods - Guidance, 12/13/2024

Flat Panel Display Devices (TC 110)

110/1720/CD, IEC 62908-12-10 ED3: Touch and interactive displays - Part 12-10: Measurement methods of touch displays - Touch and electrical performance, 01/10/2025

110/1719/CD, IEC TR 63145-202-40 ED1: Eyewear display - Part 202-40: General information of AR type - Frontal stray lights, 01/10/2025

Industrial-process measurement and control (TC 65)

65E/1148/FDIS, IEC 63270-1 ED1: Predictive maintenance of industrial automation equipment and systems - Part 1: General requirements, 12/27/2024

65/1106/NP, PNW TS 65-1106 ED1: Industrial-process measurement, control and automation - Smart manufacturing - Part 2: Use cases, 12/13/2024

Lamps and related equipment (TC 34)

34D/1753A/CD, IEC 60598-2-12 ED3: Luminaires - Part 2-12: Particular requirements - Mains socket-outlet mounted nightlights, 01/31/2025

34A/2421/FDIS, IEC 62868-1/AMD1 ED1: Amendment 1 - Organic light emitting diode (OLED) Light sources for general lighting - Safety - Part 1: General requirements and tests, 12/27/2024

34A/2422/FDIS, IEC 62868-2-1/AMD1 ED1: Amendment 1 - Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-1: Particular requirements - Semi-integrated OLED modules, 12/27/2024

34A/2423/FDIS, IEC 62868-2-2/AMD1 ED1: Amendment 1 - Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-2: Particular requirements - Integrated OLED modules, 12/27/2024

34A/2424/FDIS, IEC 62868-2-3/AMD1 ED1: Amendment 1 - Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-3: Particular requirements - Flexible OLED tiles and panels, 12/27/2024

34A/2425/FDIS, IEC 62868-2-4 ED1: Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-4: Particular requirements - Rigid OLED tiles and panels, 12/27/2024

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

106/669(F)/FDIS, IEC/IEEE 63184 ED1: Assessment Methods of the Human Exposure to Electric and Magnetic Fields from Wireless Power Transfer Systems - Models, Instrumentation, Measurement and Computational Methods and Procedures (Frequency Range of 3 kHz to 30 MHz), 11/29/2024

Nuclear instrumentation (TC 45)

45A/1573/CD, IEC 61250 ED2: Nuclear reactors - Instrumentation and control systems important for safety - Detection of leakage in coolant systems, 02/07/2025

45A/1564/CDV, IEC 63413 ED1: Nuclear Power Plants - Instrumentation and control systems important to safety - Platform qualification, 02/07/2025

45B/1075/CD, IEC 63596 ED1: Replay Tools for radioactive material detection systems, 01/10/2025

Power electronics (TC 22)

22E/282/CD, IEC 63497 ED1: Shunt-Connected Active Correction Devices (ACD), 01/10/2025

Solar photovoltaic energy systems (TC 82)

82/2323/CD, IEC TS 62257-200 ED1: Renewable energy and hybrid systems for rural electrification - Part 200: System selection and design, 01/10/2025

Surface mounting technology (TC 91)

91/1995/NP, PNW 91-1995 ED1: PRINTED BOARD ASSEMBLIES - Part X-2: Guideline for the Output Profile Design in Laser-Assisted Bonding, 02/07/2025

(TC)

CIS/H/524/DTR, CISPR TR 16-4-4 ED3: Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-4: The CISPR model for the calculation of limits for the protection of radio services, 01/10/2025

Wind turbine generator systems (TC 88)

88/1057/CD, IEC 61400-16 ED1: Standard file format for sharing power curve information, 02/07/2025



Newly Published ISO & IEC Standards

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

ISO Standards

Ageing societies (TC 314)

[ISO 25554:2024](#), Ageing societies - Guidelines for promoting wellbeing in communities, \$166.00

Banking and related financial services (TC 68)

[ISO 18774:2024](#), Financial services - Financial instrument short name (FISN), \$124.00

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

[ISO 21474-3:2024](#), In vitro diagnostic medical devices - Multiplex molecular testing for nucleic acids - Part 3: Interpretation and reports, \$124.00

Foundry machinery (TC 306)

[ISO 23063:2024](#), Foundry machinery - Safety requirements for high pressure die casting machines, \$223.00

Light and Lighting (TC 274)

[ISO/CIE 10916:2024](#), Light and lighting - Energy performance of lighting in buildings - Calculation of the impact of daylight utilization, \$278.00

Optics and optical instruments (TC 172)

[ISO 14880-2:2024](#), Optics and photonics - Microlens arrays - Part 2: Test methods for wavefront aberrations, \$166.00

[ISO 14880-3:2024](#), Optics and photonics - Microlens arrays - Part 3: Test methods for optical properties other than wavefront aberrations, \$124.00

[ISO 14880-4:2024](#), Optics and photonics - Microlens arrays - Part 4: Test methods for geometrical properties, \$166.00

Paints and varnishes (TC 35)

[ISO 19397:2024](#), Paints and varnishes - Determination of the film thickness of coatings using an ultrasonic gauge, \$124.00

[ISO 4628-3:2024](#), Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting, \$166.00

[ISO 9607-1:2024](#), Paints and varnishes - Protective coatings for concrete structures - Part 1: General introduction, \$54.00

Petroleum products and lubricants (TC 28)

[ISO 6583:2024](#), Methanol as a fuel for marine applications - General requirements and specifications, \$81.00

Refrigeration (TC 86)

[ISO 21922:2021/Amd 1:2024](#), - Amendment 1: Refrigerating systems and heat pumps - Valves - Requirements, testing and marking - Amendment 1, \$23.00

Road vehicles (TC 22)

[ISO/PAS 13146:2024](#), Road vehicles - Brake lining friction materials - Drag mode friction test for hydraulic and pneumatic vehicle brakes, \$194.00

Screw threads (TC 1)

[ISO 965-2:2024](#), ISO general purpose metric screw threads - Tolerances - Part 2: Limits of sizes for internal and external threads (tolerance classes 6H and 6g for M1,6 to M100 and 5H and 6h for M1 to M1,4), \$81.00

Sports and recreational equipment (TC 83)

[ISO 20957-1:2024](#), Stationary training equipment - Part 1: General safety requirements and test methods, \$124.00

Tourism and related services (TC 228)

[ISO 14785:2024](#), Tourism and related services -Tourist information services - Requirements and recommendations, \$124.00

Water quality (TC 147)

[ISO 20236:2024](#), Water quality - Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion, \$166.00

Welding and allied processes (TC 44)

[ISO 22073-1:2024](#), Gas welding equipment - Part 1: Line pressure regulators and line pressure regulators with flow-metering devices for gas distribution pipelines up to 6 MPa (60 bar), \$124.00

ISO Technical Specifications

Building construction (TC 59)

[ISO/TS 12720:2024](#), Sustainability in buildings and civil engineering works - Guidelines on the application of the general principles in ISO 15392, \$223.00

Geographic information/Geomatics (TC 211)

[ISO/TS 19144-3:2024](#), Geographic information - Classification systems - Part 3: Land Use Meta Language (LUML), \$250.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC TS 18013-6:2024](#), Personal identification - ISO-compliant driving licence - Part 6: mDL test methods, \$250.00

IEC Standards

Industrial-process measurement and control (TC 65)

[IEC 63261 Ed. 1.0 b:2024](#), Representation of electrical and instrument objects in digital 3D plant models during engineering, \$103.00

Performance of household electrical appliances (TC 59)

[IEC 60705 Ed. 5.0 b:2024](#), Household microwave ovens - Methods for measuring performance, \$303.00

[IEC/ASTM 62885-6 Ed. 2.0 b Cor.1:2024](#), Corrigendum 1 - Surface cleaning appliances - Part 6: Wet hard floor cleaning appliances for household or similar use - Methods for measuring the performance, \$0.00

Switchgear and controlgear (TC 17)

[IEC/IEEE 62271-37-013 Ed. 2.0 en Cor.1:2024](#), Corrigendum 1 - High-voltage switchgear and controlgear - Part 37-013: Alternating current generator circuit-breakers, \$0.00

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

[IEC 62683-2-3 Ed. 1.0 b:2024](#), Low-voltage switchgear and controlgear - Product data and properties for information exchange - Engineering data - Part 2-3: Functional safety and reliability, \$148.00

Wind turbine generator systems (TC 88)

[IEC 61400-24 Amd.1 Ed. 2.0 b:2024](#), Amendment 1 - Wind energy generation systems - Part 24: Lightning protection, \$103.00

[IEC 61400-24 Ed. 2.1 en:2024](#), Wind energy generation systems - Part 24: Lightning protection, \$1030.00

IEC Technical Specifications

Fire hazard testing (TC 89)

[IEC/TS 60695-2-20 Ed. 4.0 en:2024](#), Fire hazard testing - Part 2-20: Glowing/hot-wire based test methods - Hot-wire ignition test (HWI) method - Apparatus, verification, test method and guidance, \$52.00

[S+ IEC/TS 60695-2-20 Ed. 4.0 en:2024 \(Redline version\)](#), Fire hazard testing - Part 2-20: Glowing/hot-wire based test methods - Hot-wire ignition test (HWI) method - Apparatus, verification, test method and guidance, \$88.00

Marine energy - Wave, tidal and other water current converters (TC 114)

[IEC/TS 62600-100 Ed. 2.0 en:2024](#), Marine energy - Wave, tidal and other water current converters - Part 100: Electricity producing wave energy converters - Power performance assessment, \$444.00

[S+ IEC/TS 62600-100 Ed. 2.0 en:2024 \(Redline version\)](#), Marine energy - Wave, tidal and other water current converters - Part 100: Electricity producing wave energy converters - Power performance assessment, \$756.00

International Electrotechnical Commission (IEC)

Call for Members (USNC)

US Representative Needed - Advisory Committee on Energy Efficiency (ACEE)

Comment Deadline: November 29, 2024

ACEE deals with energy efficiency matters which are not specific to one single technical committee of the IEC. It coordinates activities related to energy efficiency. ACEE is responsible for the assignment of horizontal energy efficiency aspects and requirements. ACEE provides guidance for implementation in a general perspective and for specific sectors. It encourages a systems perspective for the development of standards for energy efficiency and provides support for system considerations.

Individuals interested in serving as the US Representative on ACEE are invited to contact **Betty Barro at bbarro@ansi.org** by FRIDAY, November 29th 2024.

ACEE is responsible for the following guide:

- IEC Guide 118: Preparation of basic and group energy efficiency publications including energy efficiency aspects
- This Guide is addressed to all TCs and intends to support their work on energy efficiency publications within their specific scope.

Introduction to the IEC Guide 118:

- Energy efficiency is key to support energy policies while preserving the environment, thus contributing to UN Sustainable Development Goals.
- Many energy efficient technologies and solutions are already available and cost-effective; nevertheless, a variety of barriers inhibits the deployment of these technologies and impede harvesting their energy efficiency potential.
- Standardization can play an important role to help overcome these barriers and to disseminate and promote energy efficient technologies, solutions and services in order to overcome some of the barriers to the implementation of energy efficient technologies and solutions.
- IEC technical committees are encouraged to:
 - consider energy efficiency in their standardization work;
 - identify which aspects of energy efficiency are relevant for their standardization;
 - use a structured approach when addressing energy efficiency;
 - use a systems approach when addressing energy efficiency.

International Organization for Standardization (ISO)

Call for comment on ISO 26000:2010

Comment Deadline: January 17, 2025

ISO has initiated a systematic review of ISO 26000:2010 – “*Guidance on social responsibility*”, which has the following scope statement:

ISO 26000:2010 provides guidance to all types of organizations, regardless of their size or location, on:

- *concepts, terms and definitions related to social responsibility;*
- *the background, trends and characteristics of social responsibility;*
- *principles and practices relating to social responsibility;*
- *the core subjects and issues of social responsibility;*
- *integrating, implementing and promoting socially responsible behaviour throughout the organization and, through its policies and practices, within its sphere of influence;*
- *identifying and engaging with stakeholders; and*
- *communicating commitments, performance and other information related to social responsibility.*

ISO 26000:2010 is intended to assist organizations in contributing to sustainable development. It is intended to encourage them to go beyond legal compliance, recognizing that compliance with law is a fundamental duty of any organization and an essential part of their social responsibility. It is intended to promote common understanding in the field of social responsibility, and to complement other instruments and initiatives for social responsibility, not to replace them.

In applying ISO 26000:2010, it is advisable that an organization take into consideration societal, environmental, legal, cultural, political and organizational diversity, as well as differences in economic conditions, while being consistent with international norms of behaviour.

ISO 26000:2010 is not a management system standard. It is not intended or appropriate for certification purposes or regulatory or contractual use. Any offer to certify, or claims to be certified, to ISO 26000 would be a misrepresentation of the intent and purpose and a misuse of ISO 26000:2010. As ISO 26000:2010 does not contain requirements, any such certification would not be a demonstration of conformity with ISO 26000:2010.

ISO 26000:2010 is intended to provide organizations with guidance concerning social responsibility and can be used as part of public policy activities. However, for the purposes of the Marrakech Agreement establishing the World Trade Organization (WTO), it is not intended to be interpreted as an “international standard”, “guideline” or “recommendation”, nor is it intended to provide a basis for any presumption or finding that a measure is consistent with WTO obligations. Further, it is not intended to provide a basis for legal actions, complaints, defences or other claims in any international, domestic or other proceeding, nor is it intended to be cited as evidence of the evolution of customary international law.

ISO 26000:2010 is not intended to prevent the development of national standards that are more specific, more demanding, or of a different type.

ANSI is seeking U.S. Stakeholders’ input on ISO 26000:2010 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO 26000:2010 can request a copy by contacting ANSI’s ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, January 24, 2025**.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 34/SC 4 – Cereals and pulses

Response Deadline: November 22, 2024

ANSI has been informed that the American Oil Chemists Society (AOCS), the ANSI-accredited U.S. TAG Administrator for ISO/TC 34/SC 4, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 34/SC 4 operates under the following scope:

Standardization in the field of cereals and pulses as well as their products, in particular terminology, sampling, methods of test and analysis, product specifications and requirements for packaging, storage and transportation

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

ISO Proposal for a New Field of ISO Technical Activity

Ports and Terminals

Comment Deadline: December 6, 2024

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Ports and Terminals, with the following scope statement:

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

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

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

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, December 6, 2024.

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.



XDR and XDM for Direct Secure Messaging Specification V 2.0 Public Review Redline Summary

Section 2.1 SubmissionSet Attributes

Attribute	Edge sender	Base IHE spec	Description and Constraints
author	R	R2	<p>The authorTelecommunication component SHALLmust contain the Direct address as it is, or would be, present in the SMTP MAIL FROM command.</p> <p>The authorTelecommunication component follows the HL7 XTN datatype formatting as described in section 6.2.2.</p>

Section 2.2 DocumentEntry Attributes

formatCode	R2	R2/R2/R	When available, implementations SHOULD
----------------------------	----	---------	--

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This is a Draft Standard for Trial Use, subject to change.

XDR and XDM for Direct Secure Messaging Specification - Version 2.0

			draw from the FHIR DocumentReference Format Code Value Set , IHE FormatCode Value Set (OID 1.3.6.1.4.1.19376.1.2.7.1) if an appropriate code exists in the value set.
--	--	--	---

Section 4.3 XDM Source to XDR Destination

This case involves the conversion of the metadata by the HISP that received an XDM Direct Secure Messaging. The following metadata attributes need special handling:

- ~~size and hash - the size of each DocumentEntry may be different in the XDM ZIP file structure compared to the byte stream that is MTOM encoded in the XDR message, and therefore the size and hash must be re-calculated (or MAY be left blank when limited metadata is used).~~ Upon receiving the XDM package, the size and hash of each document **SHALL** be verified and only then they **MAY** be copied in the XDR metadata or be left blank.

Section 5.3.4 XDR to XDR

In many situations, however, the communications between the sender and receiver in the XDR to XDR case can be streamlined, where the HISPs can provide a pass-through channel for the XDR transactions. **This means the sender is aware of the special case and SHALL not include the delivery notification header.** One example is the special case where the sender and receiver share a HISP:

; ; ;
Figure 5.8 XDR to XDR **streamlined** transmission with shared HISP



Section 6.1 SOAP headers in support of Direct Secure Messaging

~~(copy in definitions/explanation of headers related to final delivery notification)~~

Section 6.2.2 Transport conversions from SOAP to SMTP

The conversion from SOAP to SMTP involves using the SOAP headers or XDR metadata to identify the correct SMTP server and setting the appropriate SMTP headers to assure ~~author~~ proper transport and processing of the message.

Section 6.2.2 Transport conversions from SOAP to SMTP

The Message-ID header SHALL have a one-to-one correspondence with the value of the WS-Addressing MessageID. This requires some type of mapping, either external (i.e. the HISP maintains a table with corresponding mappings between the Message-ID header and the MessageID), ~~The Message-ID header SHALL match the value of the WS-Addressing MessageID. This requires some type of mapping, either external (i.e. the HISP maintains a table with corresponding mappings between the Message-ID header and the MessageID),~~ or a deterministic conversion (for example the UUID part of a urn:uuid:XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX SOAP MessageID header is used as the left part of a SMTP Message-ID <XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX@direct.example.org>).

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

NSF/ANSI Standard for Food Equipment –

Commercial Refrigerators and Freezers

•

7 Refrigerated buffet units and refrigerated food preparation units

•

7.5.2 Test method

A test shall be conducted to evaluate the ability of refrigerated buffet units and refrigerated food preparation units to maintain the temperature of a food-simulating test medium between 41 °F (5 °C) and 33 °F (1 °C) in the open rail. Prior to the start of the test, the entire rail shall be loaded with 4.0 in (102 mm) deep hotel pans that are at least half-filled with cold water. If rail covers are provided, the covers shall be closed. The equipment shall then be allowed to cycle on and off at least two full cycles at an ambient temperature of 73 ± 3 °F (23 ± 2 °C).

The test shall be conducted within a test chamber maintained under the following conditions for the duration of the test:

- ambient temperature of 86 ± 2 °F (30 ± 1 °C);
- no vertical temperature gradient exceeding 1.5 °F/ft (2.5 °C/m);
- maximum relative humidity of 50%; and
- maximum air current velocity of 50 ft/min (0.25 m/s) across the surfaces of the test pans.

After the required test chamber conditions are established, the unit shall be loaded with pans of test medium (Section N-1.1) so that media temperature can be monitored at the four outermost corners of the rail and as close to the center of the rail as possible. At each of these locations, the media temperature shall be monitored using thermocouples positioned approximately 1.0 in (25 mm) below the media surface and approximately 1/8 in (0.13 in, 3.2 mm) above the bottom of the pans. The thermocouples at the corner locations shall not touch the side walls or end walls of the pans, nor shall they be more than 1/2 in (0.50 in, 13 mm) from the side walls or end walls. At the center location, the thermocouples shall be positioned in the center of a pan of media. The thermocouples used shall be accurate to ± 1 °F (± 0.5 °C).

The test shall be started upon verification that the temperature of the test medium is 35 ± 2 °F (2 ± 1 °C) at each of the five thermocouples located 1.0 in (25 mm) below the surface. If a rail cover(s) is provided, the cover(s) shall be closed until the start of the test.

The temperature at each of the 10 thermocouple locations shall be recorded at 5-min intervals over a period of 4 h.

Tracking Number 7i30r1
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Revision to NSF/ANSI 7 – 2023
Issue 30, Draft 1 (November 2024)

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For each of the 10 thermocouple locations located in the rail area of the unit, a separate 1 h moving box car average calculation shall be applied to the collected data points. Specifically, at each thermocouple location, the first 12 collected data points (data points 1 through 12) shall be averaged together to obtain box car average #1; then data points 2 through 13 shall be averaged together to obtain box car average #2; then data points 3 through 14 shall be averaged together to obtain box car average #3. This data manipulation shall continue throughout the 4-h evaluation until box car average #37 (data points 37 through 48) is calculated. A total of 37 box car averages shall be calculated for each of the 10 thermocouple locations.

If a unit has one or more integral refrigerated compartments, a 'no load' test shall be conducted to evaluate the ability of the unit to maintain an air temperature between 33 °F (1 °C) and 40 °F (4 °C) ~~or lower~~ in all refrigerated compartment interiors. The test shall be conducted in accordance with the test method in Section 6.10.2 except that the ambient test chamber conditions prescribed in this section shall apply. The 4-h 'no load' test shall be conducted simultaneously with the 4-h evaluation of the open-top refrigeration.

The time during which the unit's compressor(s) is operating shall be monitored over the complete test duration, and the compressor percentage run time shall be calculated for each compressor using the formula below.

NOTE — Variable capacity compressors shall be operated at maximum speed only using the test in Section 7.5.2.

$$R = \frac{d}{D} \times 100$$

where:

d = the elapsed time that the compressor is operating during a whole number of cycles
 D = the total elapsed time during a whole number of cycles

7.5.3 Acceptance criteria

For each of the 10 thermocouple locations, all 37 calculated box car averages shall not exceed 41 °F (5 °C) nor be lower than 33 °F (1 °C).

The temperature at each thermocouple location within each refrigerated compartment shall not exceed 40 °F (4 °C) nor be lower than 33 °F (1 °C) during the 4-h test period.

The compressor percentage run time shall not exceed 90%.

***Rationale:** Striking the words "or lower" from 7.5.2 to correct a contradictory error. The requirement is to be no lower than 33 °F (1 °C). The words "or lower" contradict the minimum value indicated.*

Tracking number 173i116r2
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Revision to NSF/ANSI 173-2024
Issue 116, Revision 2 (November 2024)

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NSF/ANSI Standard
for Health Sciences –

Dietary Supplements

•
•

3 Definitions

•
•

3.13 dry weight basis: A basis for expressing the measurement results for a substance in a material after subtracting the moisture content from the mass of the material, e.g., ~~1 g of a material that has a moisture content of 10% would have a dry weight of 0.9 g as~~ The dry weight basis determined is calculated from the measurement results using the equation:

$$C_{dry} = C_{wet} \times \frac{100}{100 - moisture}$$

•
•

BSR/UL 60079-10-2, Standard for Safety for Explosive Atmospheres – Part 10-2: Classification of Areas – Explosive Dust Atmospheres

1. Revisions to 3.25.2DV and 3.25.3DV per responses to comments received.

PROPOSAL

3.25.2DV DR Modification of Clause 3.25.2 to replace with the following:

~~a place in which an explosive dust atmosphere, in the form of a cloud of dust in air, is likely to occur in normal operation occasionally~~ A Zone 21 location is a location where one of the following apply:

1. Ignitable concentrations of combustible dust, combustible fibers/flyings, or ignitable fibers/flyings are likely to exist occasionally under normal operating conditions.
2. Ignitable concentrations of combustible dust, combustible fibers/flyings, or ignitable fibers/flyings might exist frequently because of repair or maintenance operations or because of leakage.
3. Equipment is operated or processes are carried on of such a nature that equipment breakdown or faulty operations could result in the release of ignitable concentrations of combustible dust, combustible fibers/flyings, or ignitable fibers/flyings and also cause simultaneous failure of electrical equipment in a mode to cause the electrical equipment to become a source of ignition.
4. The location is adjacent to a Zone 20 location from which ignitable concentrations of combustible dust, combustible fibers/flyings, or ignitable fibers/flyings could be communicated.

Exception: When communication from an adjacent Zone 20 location is minimized by adequate positive pressure ventilation from a source of clean air, and effective safeguards against ventilation failure are provided.

5. Group IIIC combustible dusts are present in hazardous quantities occasionally, under normal or abnormal operating conditions, or frequently because of repair or maintenance operations or because of leakage.

Note 1 to entry: See ANSI/ISA 60079-10-2 (12.10.05), Explosive Atmospheres – Part 10-2: Classification of Areas – Combustible Dust Atmospheres, regarding the classification of Zone 21 locations.

Note 2 1 to entry: This classification usually includes the following:

1. Locations outside dust containment and in the immediate vicinity of access doors subject to frequent removal or opening for operation purposes when internal combustible mixtures are present.
2. Locations outside dust containment in the proximity of filling and emptying points, feed belts, sampling points, truck dump stations, belt dump over points, and so on, where no measures are employed to prevent the formation of combustible mixtures.
3. Locations outside dust containment where dust accumulates and where, due to process operations, the dust layer is likely to be disturbed and form combustible mixtures.
4. Locations inside dust containment where explosible dust clouds are likely to occur (but neither continuously, nor for long periods, nor frequently), for example, silos (if filled and/or emptied only occasionally) and the dirty side of filters if large self-cleaning intervals are occurring.

3.25.3 Zone 22

area in which an explosive dust atmosphere, in the form of a cloud of combustible dust in air, is not likely to occur in normal operation but, if it does occur, will persist for a short period only

Note 1 to entry: The potential of creating an explosive dust cloud from a dust layer also needs to be considered.

3.25.3DV DR Modification of Clause 3.25.3 to replace with the following:

~~area in which an explosive dust atmosphere, in the form of a cloud of combustible dust in air, is not likely to occur in normal operation but, if it does occur, will persist for a short period only~~ location where one of the following apply:

1. Ignitable concentrations of combustible dust, combustible fibers/flyings, or ignitable fibers/flyings are not likely to occur in normal operation and, if they do occur, will only persist for a short period.
2. Combustible dust, combustible fibers/flyings, or ignitable fibers/flyings are handled, processed, or used, but the dust or fibers/flyings are normally confined within closed containers of closed systems from which they can escape only as a result of the abnormal operation of the equipment with which the dust or fibers/flyings are handled, processed, or used.
3. The location is adjacent to a Zone 21 location, from which ignitable concentrations of combustible dust, combustible fibers/flyings, or ignitable fibers/flyings could be communicated.

Exception No. 1: When communication from an adjacent Zone 21 location is minimized by adequate positive pressure ventilation from a source of clean air, and effective safeguards against ventilation failure are provided.

Exception No. 2: For Group IIIC combustible dusts or metal combustible fibers/flyings, there shall only be Zone 20 or 21 locations.

~~Note 1 to entry: The potential of creating an explosive dust cloud from a dust layer also needs to be considered. See ANSI/ISA 60079-10-2 (12.10.05), Explosive Atmospheres – Part 10-2: Classification of Areas – Combustible Dust Atmospheres, regarding the classification of Zone 22 locations.~~

Note ~~2~~ **1** to entry: Zone 22 locations usually include the following:

1. Outlets from bag filter vents (in the event of a malfunction, there can be emission of combustible mixtures).
2. Locations near equipment that has to be opened at infrequent intervals or equipment that from experience can easily form leaks where, due to pressure above atmospheric, dust will blow out.
3. Pneumatic equipment or flexible connections that can become damaged.
4. Storage locations for bags containing dusty product (failure of bags can occur during handling, causing dust leakage).
5. Locations where controllable dust layers are formed that are likely to be raised into explosible dust-air mixtures.

Only if the layer is removed by cleaning before hazardous dust-air mixtures can be formed is the area designated unclassified.

Note ~~3~~ **2** to entry: Protective measures to reduce the formation of explosible dust-air mixtures can often result in a Zone 21 location being classified as a Zone 22 location, or possibly unclassified. Such measures include local exhaust ventilation (dust extraction).

BSR/UL 258 Standard for Safety for Shutoff Valves for Trim and Drain Purposes for Fire Protection

1. Revisions to Clarify Requirements and Update Testing

PROPOSAL

8.1 These valves shall be made of brass, bronze, Series 300 stainless steel alloy or other material having equivalent corrosion resistant properties, except for the handle or handwheel, including the means of handle or handwheel securement to the valve and associated indicator plate components.

12.1 After being subjected to the conditions described in 12.2 – 12.4, parts constructed from a copper alloy having an average zinc content greater than 15 % when examined using 25X magnification shall

- a) Show no evidence of cracking; or
- b) Comply with the Leakage Tests and Mechanical Strength Test in Sections 16 and 18, when there is evidence of cracking.

Exception: Cracking is allowed when it does not impact the ability of the product to comply with the requirements of this standard.

13.1.1 Parts constructed from a copper alloy having an average zinc content greater than 15 % and normally exposed to system water shall comply with the following after exposure to a copper chloride solution for 144 hours:

- a) An average dezincification depth not exceeding 100 μm (0.0039 inch); and
- b) An individual reading of dezincification depth not exceeding 200 μm (0.0079 inch).

14.1 Austenitic stainless steel parts, except nameplates, parts not impacting the performance of the valve, or parts not required to be constructed of a corrosion resistant material as referenced in 8.1, shall show no evidence of cracking, delamination, or degradation after being subjected to boiling magnesium chloride solution.

18A.1 There shall be no cracking, ~~reduction~~ lack of transparency or other signs of deterioration that may impair the intended performance of a polymeric sight glass after exposure to 100 ± 1 °C (212 ± 2 °F) for 180 days, or at the temperature determined in 18A.3, as appropriate. Additionally, a valve with the aged polymeric sight glass shall comply with the requirements in Section 16, Leakage (Body Leakage only) and Section 17, Strength of Body Tests. See 18A.3 and 18A.4.

18A.2 Plastic components impacting the performance of the valve, excluding polytetrafluoroethylene and sight glass materials, shall be subjected to the air oven aging and water aging exposures described in UL 1091 for plastic and other nonmetallic material parts. Subsequent to these exposures, a valve with an aged component shall comply with the applicable performance tests described in this standard based upon the function of the component.

BSR/UL 746S, Standard for Safety for Evaluation of Sustainable Polymeric Materials for Use in Electrical Equipment

1. Addition of New Definitions to Glossary, Section 4; Revision of Paragraph 6.1.1; Revision of Figure 6.1; Addition of Figure 6.2

PROPOSAL

4 Glossary

4.1 For the purposes of this Standard the following definitions apply.

4.1A BATCH – Quantity or material regarded as a single unit and having a unique reference.

~~4.5 RECYCLED PLASTICS STREAM— Plastic pellets incorporating one or more grades of the plastic material that has been mechanically recovered from post-consumer or post-industrial sources. Deleted~~

4.5A POST CONSUMER RECYCLE (PCR) MATERIAL – Material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain.

4.5B POST INDUSTRIAL RECYCLE (PIR) MATERIAL – Material diverted from the waste stream during a manufacturing process. Excluded from this definition of PIR Material is the reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

4.5C PRODUCTION BATCH – A quantity or consignment of recycled plastic material, produced at one time, consisting of incoming recycled stream (recovered material) from a single batch or multiple batches, optionally combined with virgin resin and/or other additives.

4.5D RECOVERED MATERIAL BATCH – A specific quantity or consignment of recovered material that is expected to be homogeneous within specified limits and has a unique reference number, used as a material input, in lieu of the virgin material, for a recycling or manufacturing process

~~4.6 REPROCESSED PLASTIC – Regrind or mechanically recycled regrind material that has been processed for reuse by extruding and forming into pellets or by other appropriate treatment. RECYCLED STREAM (RECOVERED MATERIAL) – Material that would have otherwise been disposed of as waste or used for energy recovery, but has instead been collected and recovered (reclaimed) as a material input, instead of new primary material, for a recycling or manufacturing process.~~

4.7 RELATED VIRGIN RESIN – Existing virgin material from which the recycle material composition is derived.

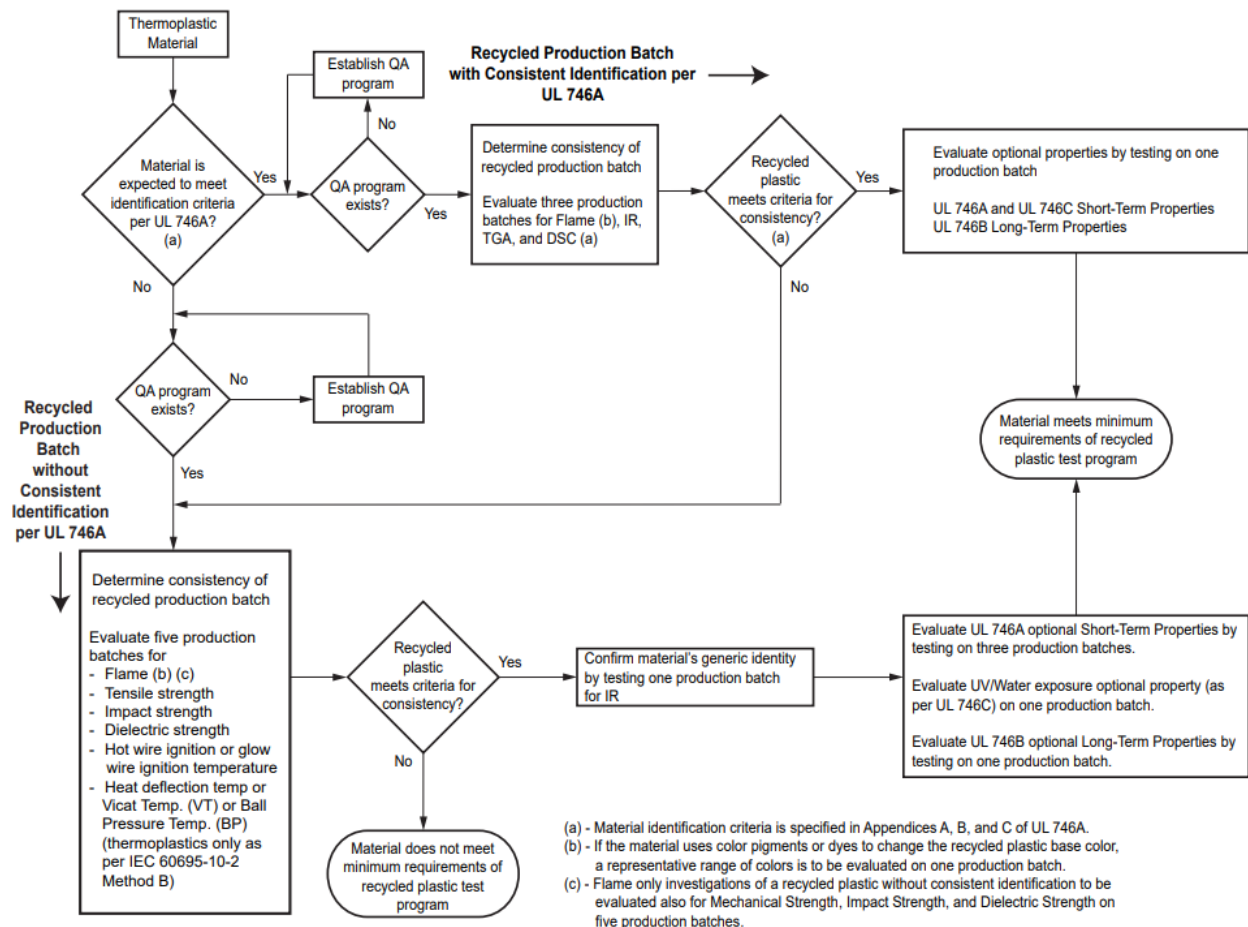
6 Mechanically Recycled Plastic

6.1 General

6.1.1 Mechanically recycled plastics shall be evaluated to determine whether the variations between production batches have significantly affected critical material properties. Figure 6.1 illustrates the test program for recycled thermoplastic materials and the following paragraphs describe the test requirements and acceptability criteria. Figure 6.2 provides additional information regarding production batches prepared by combining Recycled Stream (Recovered Material) with or without virgin resin, fillers or other additives.

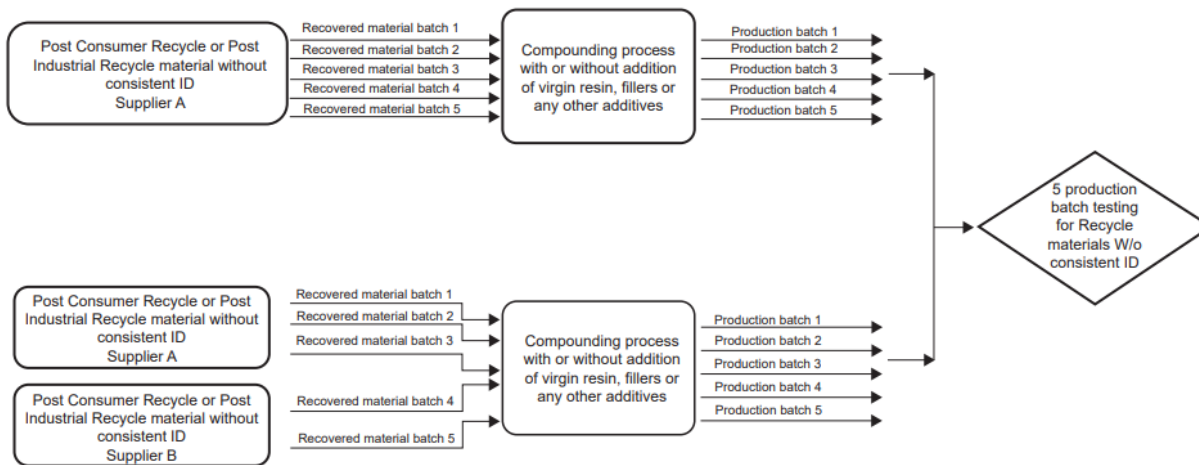
Note from the TC Project Manager: This proposal includes a revision of Figure 6.1. The revised version of Figure 6.1 is provided in this proposal document. The current version of Figure 6.1 is available in the First Edition of UL 746S, which can be accessed from the TC 746 Library located in the “My Technical Committees” (or “My TC’s”) section of UL Standards & Engagement’s Collaborative Standards Development System (CSDS).

Figure 6.1
Mechanically Recycled Thermoplastic Material Test Program



su1293g

Figure 6.2
Production Batch Examples for Materials Without Consistent ID's



su5234

BSR/UL 1951, Standard for Electrical Plumbing Accessories

Topic 2. Addition of Requirements to Parts in Contact with Potable Water

PROPOSAL

INTRODUCTION

1 Scope

1.1 These requirements cover equipment connected to or used with plumbing in commercial or household locations. Examples of equipment covered by these requirements are irrigation equipment, sprinkler controls, pedicure spas, water controls located in kitchens and bathrooms, electric faucets, toilets and toilet flushing systems, and non-refrigerated water dispensing equipment for drinking water, connected to plumbing systems or for temporary use with containerized water. All equipment is intended for installation and use in accordance with the National Electrical Code, NFPA 70, and is rated 600 volts or less.

~~1.4 These requirements also cover non-refrigerated water dispensing equipment for drinking water, connected to plumbing systems or for temporary use with containerized water.~~

30 Materials

30.3 All materials in contact with potable water shall comply with the applicable requirements of NSF/ANSI/CAN 61.

30.4 Equipment intended to convey or dispense water for human consumption through drinking shall not contain a weighted average lead content in excess of 0.25% when evaluated in accordance with the test method specified in NSF/ANSI 372.

30A. Parts in Contact with Potable Water

30A.1 A part of a pump or other material in contact with potable water shall be of a nontoxic, corrosion-resistant material consistent with industry plumbing practice. Compliance with ANSI/NSF 61 is considered to satisfy this requirement. Devices with materials that come in contact with potable water shall comply with the applicable requirements of NSF/ANSI/CAN 61.