ANSI STANDARDS ACTION

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

VOL. 56, NO. 49 DECEMBER 5, 2025

CONTENTS

ISSN 0038-9633

Project Initiation Notification System (PINS)

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

ACP (American Clean Power Association)

Duane Brown <dbrown@cleanpower.org> | 1299 Pennsylvania Ave. NW, Suite 1300 | Washington, DC 20004 www.cleanpower.org

New Standard

BSR/ACP 1005-202x, Recommended Practice for Interpreting Mineral Oil Gas Generation in Oil-Immersed Distributed Energy Transformers (new standard)

Stakeholders: Wind, solar, and battery storage facility owners/operators; utilities and independent power producers; transformer and inverter manufacturers; power electronics and component suppliers; transformer testing laboratories and O&M service providers; engineering and consulting firms; monitoring and diagnostic equipment vendors; insurers; regulators and authorities having jurisdiction; and relevant standards-developing organizations.

Project Need: Oil-immersed Inverter Based Resource (IBR) energy transformers are used in wind, solar, and battery storage (collectively, IBR) applications, yet their dissolved gas generation characteristics are specifically not covered by existing industry standards due to a lack of statistical information. Traditional transformer DGA guidelines focus on mineral-oil transformers and do not reflect the operational realities of IBR energy systems, which can exhibit higher or atypical gassing rates. Operators lack empirically derived guidance to interpret DGA results, assess fault risk, and make informed decisions on continued operation or maintenance. Therefore, ACP commissioned a comprehensive analysis of over 20,000 DGA results to develop statistically based guidelines that support transformer safety, reliability, and proactive maintenance in IBR energy applications.

Interest Categories: Owner/operator, producer, consultant, technical

This guide provides advisory guidance on the interpretation of dissolved gas analysis (DGA) for mineral-oil-immersed Inverter-Based Resource (IBR) energy transformers. Gas generation in transformers can result from arcing, partial discharge, overheating, overloading, and other conditions that degrade insulating materials. While some gas formation is normal, elevated concentrations can indicate impending faults and, under certain conditions, pose explosion hazards. Industry standards specifically exclude IBR energy transformers due to atypical gassing behavior of which existing industry standards do not have the necessary historical data. ACP commissioned Doble Engineering to analyze over 20,000 DGA results from 5,172 transformers, establishing statistical norms and interim guidelines for fault detection and risk assessment. This document addresses theory, diagnostic techniques, suggested operating procedures, and instrumentation for gas detection, providing operators with empirical methods to assess transformer condition while noting that interpretation remains partly empirical and subject to variability. Synthetic or ester-based insulating fluids are outside the scope of this guide.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.6-2020 (R202x), Committee on Uniform Security Identification Procedures Securities Identification (CUSIP) (reaffirmation of ANSI X9.6-2020)
Stakeholders: The standard is crucial for reducing administrative costs, enhancing market transparency, and ensuring compliance for all sectors of the US and global financial services/capital markets industry, including investors, corporations, and regulators.

Project Need: This standard provides specifications for uniquely identifying an eligible financial instrument, including specifics to identify the respective issuer and issue. The CUSIP system was introduced in 1968 and adopted as an ANSI/X9 standard in 1976. CUSIP remains widely used by capital markets participants during all aspects of the securities trade life cycle and related information management. To date, more than 250 million X9.6 identifiers (at least 34 million active) have been assigned to fungible financial instruments, irrespective of trading venue, across a broad range of asset classes, including CUSIPs, CINS, and PPNs.

Interest Categories: Consumer, General Interest, Producer

The X9.6 Committee on Uniform Security Identification Procedures (CUSIP) standard outlines the specifications of the widely used, 9-character identifier for financial instruments.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK97052-202x, New Guide for Reporting Less Reliable Low Level Test Results for Data Analysis (new standard)
Stakeholders: Test Method Evaluation and Quality Control Industry

Project Need: Currently there is no standard or guideline how to report low-level less reliable data. Laboratories report these data in different ways which makes is difficult to manage and interpret. Some guidance is need to improve how low-level less reliable data are reported. The title and scope are in draft form and are under development within this ASTM Committee.

Interest Categories: Producer, User, General Interest, Consumer

To provide guidelines for reporting low-level less reliable data and preparing these data for data analysis

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK97059-202x, New Guide for Extension of Data for Perimeter Fire Barrier Tests Conducted in Accordance with ASTM E2307 (new standard)
Stakeholders: Fire Resistance Industry

Project Need: The purpose of this standard is to create a generalized guide for using data from perimeter fire barrier testing in accordance with E2307 and validating general conditions that are viewed as severe or less severe than the tested condition to extend the data to cover many other potential applications.

Interest Categories: Producer, User, General Interest

This guide covers the extension of results obtained from fire tests performed in accordance with Test Method E2307 to applications that have not been tested. Test Method E2307 measures the performance of the perimeter fire barrier and its ability to maintain a seal to prevent fire spread during the deflection and deformation of the exterior wall assembly and floor assembly during the fire test, while resisting fire exposure from an interior compartment fire as well as from the flame plume emitted from the window burner below. A perimeter fire barrier is the perimeter joint protection that provides fire resistance to prevent passage of fire from floor to floor within the building at the opening between the exterior wall assembly and the floor assembly.

HI (Hydraulic Institute)

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

Revision

BSR/HI 3.1-3.5-202x, Rotary Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 3.1-3.5-2021)
Stakeholders: Pump manufacturers, specifiers, installers and end-users.

Project Need: Purpose of the project is to incorporate updates in new technology and best practices.

Interest Categories: Producer, User, and General

This standard sets out requirements, recommendations, and statements to define, select, apply, operate, and maintain rotary pumps. It includes types and nomenclature; definitions; design and application; and installation, operation, and maintenance requirements. It does not include requirements on magnetic drives for sealless pumps nor rotary pumps primarily used for fluid power applications.

HI (Hydraulic Institute)

Leslie Domenech <HItechnical@pumps.org> | 300 Interpace Parkway, Bldg A, 3rd Floor | Parsippany, NJ 07054 www.pumps.org

Revision

BSR/HI 9.6.2-202x, Rotodynamic Pumps for Assessment of Applied Nozzle Loads (revision of ANSI/HI 9.6.2-2021)
Stakeholders: Pump manufacturers, specifiers, installers and end-users.

Project Need: Purpose of the project is to incorporate updates in new technology and best practices.

Interest Categories: Producer, User, and General

This standard describes the various sources that can cause nozzle loads, the effects these loads can have on a pump, as well as provide manufacturers with suggested techniques and considerations for determining allowable nozzle loads.

HI (Hydraulic Institute)

Leslie Domenech <HItechnical@pumps.org> | 300 Interpace Parkway, Bldg A, 3rd Floor | Parsippany, NJ 07054 www.pumps.org

Revision

BSR/HI 10.1-10.5-202x, Air-Operated Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 10.1-10.5-2021)
Stakeholders: Pump manufacturers, specifiers, installers and end-users.

Project Need: Purpose of the project is to incorporate updates in new technology and best practices.

Interest Categories: Producer, User, and General

This standard applies to air-operated diaphragm and bellows pumps. The standard defines common terminology, provides education, and prevent misunderstandings between manufacturers, purchasers, and users of air-operated pumps. Air-operated rotodynamic and rotary pumps are not included in this standard. This standard can assist purchasers in the selection and acquisition of an appropriate pump for their needs. The standard can also assist pump users to operate their pumps in an efficient and trouble-free manner and avoid common mistakes.

IKECA (International Kitchen Exhaust Cleaning Association)

Allison Forsythe <allison@ikeca.org> | 2331 Rock Spring Road | Forest Hill, MD 21050 www.ikeca.org

Revision

BSR/IKECA M-10-202x, Standard for the Methodology for Maintenance of Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA M-10-2023)
Stakeholders: Contract Cleaning Industry; Code Enforcement Authorities; Fire Prevention Authorities; Insurance Industry; Food Service Industry; property owners; system designers, engineers, maintainers and installers, and manufacturers.

Project Need: Commercial kitchen exhaust systems remove grease-laden vapor resulting from cooking operations. These systems become contaminated with grease and cooking by-products over time. Accumulations of these contaminants create a fire hazard to kitchen staff, patrons, other building occupants and property. For this reason, cleaning of kitchen exhaust systems on a periodic basis is necessary to mitigate the hazard.

Interest Categories: 1 – Cleaning Contractor 2 – HVAC Contractor 3 – Fire Suppression Contractor 4 – End User/Food Service 5 – Fire Analysis Expert 6 – Designer 7 – Manufacturer 8 – Fire Prevention Authority 9 – Insurance

Commercial kitchen exhaust systems remove grease-laden vapor resulting from cooking operations. These systems become contaminated with grease and cooking by-products over time. Accumulations of these contaminants create a fire hazard to kitchen staff, patrons, other building occupants and property. For this reason, cleaning of kitchen exhaust systems on a periodic basis is necessary to mitigate the hazard.

OPEI (Outdoor Power Equipment Institute)

Greg Knott <gknott@opei.org> | 1605 King Street | Alexandria, VA 22314 www.opei.org

Revision

BSR/OPEI B175.2-202x, (Standard) for Outdoor Power Equipment - Internal Combustion Engine-Powered Handheld and Backpack Blowers and Blower-Vacuums - Safety Requirements and Preformance Testing Procedures (revision of ANSI/OPEI B175.2-2012 (R2019))
Stakeholders: Internal combustion engine-Powered handheld and backpack blowers and blower-vacuums stakeholders including OEM producers & component suppliers, consumer users, retailers, testing organizations, government agencies. and general interests.

Project Need: Revise OPEI B175.2-2012 (R2019). Proposals for technical revisions are being considered at this time.

Interest Categories: OEM Producers, Supplier Producers, Consumer Users, Retailers, Testing Organizations, Government Agencies and General Interests

The requirements of this standard apply to handheld and backpack internal combustion engine-powered blowers and blower-vacuums. This standard does not apply to ride-on, towed, or walk-behind units. The purpose of this standard is to establish manufacturer requirements to reduce the risk of injury associated with the use of handheld and backpack internal combustion engine-powered blowers and blower-vacuums. This standard may also be used to measure bystander sound pressure levels at 15 meters (50 feet).

OPEI (Outdoor Power Equipment Institute)

Greg Knott <gknott@opei.org> | 1605 King Street | Alexandria, VA 22314 www.opei.org

Revision

BSR/OPEI Z130.1-202x, (Standard) for Golf Cars - Safety and Performance Specifications (revision of ANSI/OPEI Z130.1 -2020)
Stakeholders: Golf car stakeholders including OEM producers & component suppliers, consumer users, retailers, testing organizations, government agencies and general interests.

Project Need: Revision of technical specifications and addition of new requirements from ANSI/OPEI Z130.1-2020. Proposals for technical revisions are being considered at this time.

Interest Categories: OEM Producers, Supplier Producers, Consumer Users, Retailers, Testing Organizations, Government Agencies and General Interests

This standard provides safety and performance specifications relating to golf cars, driven by electric motors or internal combustion engines specifically intended for and used on golf courses for transporting golfers and their equipment. The purpose of this standard is to promote safety in the design, manufacture, maintenance and operation of golf cars. This standard may be used as a guide by regulatory authorities desiring to formulate safety rules and regulations. This standard is also intended for voluntary use by others associated with manufacturing, maintaining or utilizing golf cars.

OPEI (Outdoor Power Equipment Institute)

Greg Knott <gknott@opei.org> | 1605 King Street | Alexandria, VA 22314 www.opei.org

Revision

BSR/OPEI Z135-202x, (Standard) for Personal Transport Vehicles - Safety and Performance Specifications (revision of ANSI/OPEI Z135-2020)
Stakeholders: Personal transport vehicle stakeholders including OEM producers & component suppliers, consumer users, retailers, testing organizations, government agencies and general interests.

Project Need: Revision of technical specifications and addition of new requirements from ANSI/OPEI Z135-2020. Proposals for technical revisions are being considered at this time.

Interest Categories: OEM Producers, Supplier Producers, Consumer Users, Retailers, Testing Organizations, Government Agencies and General Interests

This standard provides safety and performance specifications relating to personal transport vehicles (PTVs), driven by electric motors or internal combustion engines to be operated on designated roadways, or within a closed community where permitted by law or by regulatory authority rules. The purpose of this standard is to promote safety in the design, manufacture, maintenance, and operation of PTVs. This standard may be used as a guide by regulatory authorities desiring to formulate safety rules and regulations. This standard is also intended for voluntary use by others associated with manufacturing, maintaining or utilizing PTVs.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 252 202x, Attenuation of Common Mode Filters (revision of ANSI/SCTE 252-2018)
Stakeholders: Cable Telecommunications Industry

Project Need: Update current technology

Interest Categories: User, Producer, General Interest

Interference from devices or the environment can travel along the outer conductor of a coaxial cable as a common mode current. This current creates a common mode disturbance that can impact the upstream integrity of a cable plant. SCTE 249 is the test method used by the cable industry for measuring the amplitude and frequency of these disturbances. Common mode filters (or attenuators) can be used to attenuate the amplitude of these disturbances. This test method creates an industry accepted standard for testing the attenuation of these common mode filters. All common mode filters or attenuators up to 230 MHz in frequency (limited by the upper frequency cutoff of commercially available coupling-decoupling networks) can be characterized using this test method.

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: January 4, 2026

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

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

Addenda

BSR/ASHRAE Addendum 62.2a-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Addendum 62.2a-2025)
As of now, unvented combustion devices other than cooking appliances are the only appliances that can produce substantial emissions of contaminants but for which we do not require any ventilation in ASHRAE 62.2. This proposed addendum assures consistent treatment and brings these devices onto an equal footing with cooking appliances. The flow rates are based on models used by the unvented heater industry (DeWerth et al.) as well as by Francisco et al. Assumptions in the modeling included that the appliance was running at steady-state (heating capacity of the heater matched the heating load of the home), that the aim was to avoid reaching 100 ppb for nitrogen dioxide, that there was 0.35 ACH of ventilation (consistent with 62.2-compliant homes), and that there was an additional effective 0.35 ACH of removal due to the reactivity of nitrogen dioxide of unvented combustion heaters. Heater capacities for different climate zones are from industry sizing guidelines: 1.5 BTUh/ft3 for climate zone 1, 1.8 BTUh/ft3 for CZ2 and CZ6, 2.2 BTUh/ft3 for CZ3, 2.4 BTUh/ft3 for CZ4, and 2.8 BTUh/ft3 for CZ5.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: January 4, 2026

ICC (International Code Council)

4051 Flossmoor Road, Country Club Hills, IL 60478 | kaittaniemi@iccsafe.org, www.iccsafe.org

New Standard

BSR/ICC 1150-202x, Standard for 3D Automated Construction Technology for 3D Concrete Walls (new standard)
ICC is developing a new standard to establish minimum requirements for the evaluation of structural performance of 3D Concrete walls and proprietary concrete wall-to-floor connections designed in accordance with applicable building codes, including material and durability properties of proprietary 3D Concrete.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://form.jotform.com/Code_Apps/ICC-Public_Comments

NSF (NSF International)

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

Revision

BSR/NSF 2-202x (i49r1), Food Equipment (revision of ANSI/NSF 2-2022)
Equipment covered by this standard includes, but is not limited to, bakery, cafeteria, kitchen, and pantry units, and other food handling and processing equipment such as tables and components, counters, tableware, hoods, shelves, and sinks.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 46-202x (i49r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2022)
This standard is intended for use with components and devices not covered by other NSF wastewater standards. Components and devices covered by this Standard are intended for use with greywater or blackwater, or both.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: smccormick@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-3-202x (i48r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716, as well as incorporating additional retailer requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

Comment Deadline: January 4, 2026

ULSE (UL Standards and Engagement)
1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | Leslie.Malaki@ul.org, https://ulse.org/

Revision

BSR/UL 110-202x, Standard for Sustainability for Mobile Phones (revision of ANSI/UL 110-2024)
The following changes in requirements are being proposed for review: (1) Addition of One-Year Grace Period for Manufacturers to Provide Materials and Components Information in paragraph 11.8.1; (2) Implementation of Inclusive Language into UL 110: replacement/deletion of "virgin"; and miscellaneous editorial changes
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)
47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 296-202x, Standard for Safety for Oil Burners (revision of ANSI/UL 296-2022)
The following is being proposed: (1) Revision of requirements for non-metallic-fuel-containing materials.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

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

Revision

BSR/UL 746A-202X, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2025)
This proposal for UL 746A covers the following topics: (1) Inclusion of a Reference to Dynamic Mechanical Analysis, Section 47A of UL 746A in the Exception to Paragraph 9.5.1; Editorial Revision of Paragraph 9.5.1; (2) Addition of an Alternate Test Method to the Test Method Specified in Paragraph 21A.1; and (3) Addition of Requirements for Glow-Wire Flammability Index from IEC 60695-2-12 as New Section 35A
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: January 19, 2026

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

New Standard

BSR/ASB BPR 174-202x, Best Practice Recommendation for Age Estimation in Forensic Anthropology (new standard)
This best practice recommendation provides preferred approaches for the estimation of age at death in forensic anthropology. It does not provide minimum standards for estimating age at death as these are covered in ANSI/ASB Std 133.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: January 19, 2026

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 206-202x, Best Practice Recommendation for Mass Fatality Incident Management (new standard)
This document provides best practice recommendations on the fundamental management considerations to be addressed in planning for and implementing a comprehensive disaster victim identification (DVI) operation.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 186-202x, Forensic Autosomal STR DNA Statistical Analyses General Protocol, Protocol Verification, and Case Record Requirements (new standard)
This standard provides requirements for the laboratory protocol for performing statistical analyses, verification, and consistency of use of the protocol, and documentation in the case record of information regarding the statistical calculations. This standard applies to testing performed using the polymerase chain reaction (PCR) amplification of autosomal loci having short tandem repeats (STR); many of the general requirements may also apply to other types of DNA testing and analysis.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 196-202x, Standard for the Documentation and Processing of Shooting Scenes (new standard)
This document provides requirements for the documentation and processing of shooting scenes that may be subject to shooting reconstruction. This document does not provide complete protocols for conducting a full shooting reconstruction.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: January 19, 2026

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 225-202x, Standard for Skeletal Preparation and Sampling in Forensic Anthropology (new standard)
This standard provides requirements for documenting, preparing, sampling, and preserving skeletal remains for examination and curation. These requirements are used to prevent contamination, unnecessary destruction, and/or adverse alteration of the remains.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at:https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 234-202x, Standard for Qualifications for Forensic Anthropology Practitioners (new standard)
This standard provides the minimum qualifications and requirements for forensic anthropology practitioners, including education, training, experience, certification, ethics, and professionalism.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 North Glebe Road, Suite 300, Arlington, VA 22203 | NAncona@aami.org, www.aami.org

Addenda

BSR/AAMI PC76-202x/A1-202X, Active implantable medical devices-Requirements and test protocols for safety of patients with pacemakers and ICDs exposed to magnetic resonance imaging (addenda to ANSI/AAMI PC76 -2021)
This document is applicable to transvenous pacemaker, ICD, and CRT systems intended to be used in patients who undergo a magnetic resonance scan in 1.5 T, cylindrical (circular or elliptical cross-section) bore, whole body magnetic resonance (MR) scanners operating at approximately 64 MHz with whole body coil excitation. The tests that are specified in this document characterize interactions with the magnetic and electromagnetic fields associated with an MR scanner. The tests can be used to demonstrate device operation according to its MR Conditional labelling. The tests are not intended to be used for the routine testing of manufactured products. Some of the tests are type tests whereas others require sample size justification. This amendment addresses RF heating acceptance criteria and global malfunction assessments.
Single copy price: Free
Obtain an electronic copy from: nancona@aami.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI/ISO 11138-7-2019 (R202x), Sterilization of health care products-Biological indicators-Part 7: Guidance for the selection, use and interpretation of results (reaffirm a national adoption ANSI/AAMI/ISO 11138 -7-2019)
Provides guidance for the selection, use, and interpretation of results from application of biological indicators when used in the development, validation, and routine monitoring of sterilization processes.
Single copy price: $285.00 (non-member); $159.00 (member)
Obtain an electronic copy from: tkim@aami.org
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR/AHRI Standard 540-202x (SI/I-P), Performance Rating of Positive Displacement Refrigerant Compressors and Condensing Units (revision of ANSI/AHRI Standard 540 (I-P and SI)-2016)
This standard establishes definitions, test requirements, rating requirements, minimum data requirements for published ratings, operating requirements, marking and nameplate data, and conformance conditions for positive displacement refrigerant compressors and condensing units.
Single copy price: Free
Obtain an electronic copy from: https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

ALI (ASC A14) (American Ladder Institute)

330 N. Wabash Avenue, Suite 2000, Chicago, IL 60611 | jzgrabik@thomasamc.com, www.americanladderinstitute.org

Revision

BSR A14.1-202x, Ladders - Wood - Safety Requirements (revision of ANSI A14.1-2018)
This standard prescribes rules and establishes minimum requirements for the construction, testing, care, and use of the common types of portable wood ladders.
Single copy price: Free
Obtain an electronic copy from: info@americanladderinstitute.org
Send comments (copy psa@ansi.org) to: Same

ANS (American Nuclear Society)

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

New Standard

BSR/ANS 55.6-202x, Liquid Radioactive Waste Processing System for Light Water Reactor Plants (new standard)
This standard provides design, fabrication, and performance criteria and guidance for liquid radioactive waste processing systems for light water cooled reactors. The purpose of this standard is to provide criteria to ensure that the liquid radioactive waste processing systems are designed, fabricated, installed, and operated in a manner commensurate with the need to protect plant personnel and the health and safety of the public.
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

Comment Deadline: January 19, 2026

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 57.10-1996 (R202x), Design Criteria for Consolidation of LWR Spent Fuel (reaffirmation of ANSI/ANS 57.10-1996 (R2021))
This standard provides guidance in specifying requirements for equipment and systems necessary to consolidate LWR SNF, provide consolidated minimum requirements, assist regulatory agencies to evaluate applications for spent fuel rod consolidation.
Single copy price: $50.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

ASB (ASC Z50) (American Society of Baking)

1415 Shelby Street, Suite A, Indianapolis, IN 46203 | sday@asbe.org, www.asbe.org

Reaffirmation

BSR ASB/Z50.2 (R202x), Bakery Equipment - Sanitation Requirements (reaffirmation of ANSI/ASB Z50.2-2015 (R2020))
This standard applies to the design, construction, and cleaning of various items and groups of items of bakery equipment. The purpose of this standard is to serve as the basic criteria for the sanitary design of bakery equipment to be used by equipment manufacturers, equipment users, and federal or state regulatory authorities.
Single copy price: $150.00 (non-members) / $45.00 (members)
Obtain an electronic copy from: sday@asbe.org
Send comments (copy psa@ansi.org) to: sday@asbe.org

ASB (ASC Z50) (American Society of Baking)

1415 Shelby Street, Suite A, Indianapolis, IN 46203 | sday@asbe.org, www.asbe.org

Revision

BSR ASB-Z50.1-202x, Bakery Equipment - Safety Requirements (revision of ANSI/ASB Z50.1-2006 (R2016))
This standard applies to the design, construction, installation, safe operation, and maintenance of bakery machinery and equipment.
Single copy price: $150.00 (non-members) / $45.00 (members)
Obtain an electronic copy from: sday@asbe.org
Send comments (copy psa@ansi.org) to: sday@asbe.org

Comment Deadline: January 19, 2026

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME PCC-1-202x, Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2022)
This Standard, covering bolted flange joint assemblies (BFJAs), applies to pressure-boundary flange joints with ring-type gaskets that are entirely within the circle enclosed by the bolt holes and with no contact outside this circle. The principles of this Standard may be selectively applied to other joint geometries. By selecting those features suitable to the specific service or need, this Standard may be used to develop effective joint assembly procedures for the broad range of sizes and service conditions normally encountered in industry. Users of this Standard are cautioned that the content contained in ASME PCC-1 has been developed generically and may not necessarily be suitable for all applications. Precautionary considerations are provided in some cases but should not be considered as all-inclusive. Sound engineering judgment and practices should be used to determine the applicability of a specific method or part of a method to a specific application. Each joint assembly procedure should be subject to an appropriate review by qualified personnel. While this Standard covers joint assembly within the scope of ASME Pressure Technology Codes and Standards, it may be used on equipment constructed in accordance with other codes and standards.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Steven Rossi

ASSP (Safety) (American Society of Safety Professionals)

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

Revision

BSR/ASSP Z359.6-202x, Specifications and Design Requirements for Active Fall Protection Systems (revision and redesignation of ANSI ASSE Z359.6-2016)
This standard is intended for engineers who are trained as qualified persons and who have expertise in the design of active fall protection systems. It specifies requirements for the design and performance of complete active fall protection systems, including travel restraint, fall arrest, positioning, rope descent, and rescue.
Single copy price: $150.00
Obtain an electronic copy from: aroessingzewe@assp.org
Send comments (copy psa@ansi.org) to: Same

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK88832-202x, Practice for the Collection of Primer Gunshot Residue (pGSR) Particles from Clothing, Vehicles, and Other Inanimate Objects using Scanning Electron Microscopy (SEM) Stubs (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

ASTM (ASTM International)

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

Revision

BSR/ASTM E3148-202x, Guide for Postmortem Facial Image Capture (revision of ANSI/ASTM E3148-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300213-2020 (R202x), Structure for the Identification of Equipment Entities for Information Exchange (reaffirmation of ANSI/ATIS 0300213-2020)
This standard addresses the code and its format structure providing for uniform data representation necessary to provide a standard form of coded identification of equipment entities for the purpose of efficient information exchange related to the interconnection and interoperability of communications networks.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300223-2020 (R202x), Structure and Representation of Network Channel (NC) and Network Channel Interface (NCI) Codes for Information Exchange (reaffirmation of ANSI/ATIS 0300223-2020)
This standard provides the specifications and characteristics of Network Channel (NC) and Network Channel Interface (NCI) codes. This standard contains clauses that cover its purpose and scope and describe format structures and data elements for network channel and network channel interface codes. It also contains definitions and references. Its intended use is to provide a standard that facilitates information exchange among humans and machines.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Reaffirmation

BSR/ATIS 0300253-2020 (R202x), Structure for the Representation of Location Entities for Information Exchange (reaffirmation of ANSI/ATIS 0300253-2020)
This standard defines the format and structure of data elements and the overall code necessary to provide a structure for the representations of location entities for the purpose of efficient information exchange.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

ATIS (Alliance for Telecommunications Industry Solutions)

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

Revision

BSR/ATIS 0300251-202x, Structure for the Representation of Service Providers for Information Exchange (revision of ANSI/ATIS 0300251-2020)
This standard defines the format and structure of data elements necessary to provide a structure for the representation of service providers for information exchange.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR ATIS 0300240-2014 (S202x), Operations, Administration, Maintenance, and Provisioning (OAM&P) - Generic Network Information Model for Interfaces between Operations Systems and Network Elements (stabilized maintenance of ANSI ATIS 0300240-2014 (R2020))
This standard is part of a series of standards that specifies interface requirements for the interface between Operations Systems (OSs) and Network Elements (NEs), describing a generic network model needed to develop Operations, Administration, Maintenance and Provisioning (OAM&P) application message standards for modern telecommunications networks. The term, generic, is used in this document to imply that the managed object classes and their properties described are applicable across different telecommunications technologies (e.g., SONET, ISDN) for the various OAM&P functions defined in ATIS 0300210. The major focus of this standard is alignment with the set of standardization efforts in ITU-T and ISO in the area of Network Management.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300074-2015 (S202x), Guidelines and Requirements for Security Management Systems (stabilized maintenance of ANSI/ATIS 0300074-2015 (R2020))
This standard aligns with the relevant ITU-T Recommendation M.3410, Guidelines and Requirements for Security Management Systems to Support Telecommunications Management.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300202-2015 (S202x), Internetwork Operations - Guidelines for Network Management of Public Telecommunications Networks under Disaster Conditions (stabilized maintenance of ANSI/ATIS 0300202-2015 (R2020))
The purpose of this standard is to delineate network traffic management actions that should be performed prior to and during disaster conditions. This standard is applicable to all telecommunications network operators that are
interconnected to the public telecommunications networks. A coordinated network traffic management response by all affected network operators should ensure the integrity of the public telecommunications networks.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300207-2000 (S202x), Operations, Administration, Maintenance, and Provisioning (OAM&P) - Terminating Test Line Access and Capabilities (stabilized maintenance of ANSI/ATIS 0300207-2000 (S2015))
This standard describes types of terminating test lines and their optional functions, and provides numbering plan arrangements to access these capabilities for testing across interconnections in the public switched network. The capability outlined in this standards applies to both end user and network provides access to existing and proposed terminating test lines originating, intermediate and terminating points in the network.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300210-2015 (S202x), OAM&P Principles of Functions, Architectures, and Protocol for Telecommunications Management Network Interfaces and enhanced Telecom Operations Map (eTOM) (stabilized maintenance of ANSI/ATIS 0300210-2015 (R2020))
It is the intention of this standard to use and align with the relevant ITU-T Recommendations.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300212-2015 (S202x), Enhanced Telecommunications Charge Card Physical Characteristics and Numbering Structure (stabilized maintenance of ANSI/ATIS 0300212-2015 (R2020))
This standard applies to enhanced telecommunication charge cards issued within North America. The determination of eligibility to issue telecommunication charge cards is beyond the scope of this standard.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300221.1995 (S202x), Operations, Administration, Maintenance, and Provisioning (OAM&P) - In-Service, Non-intrusive Measurement Device (INMD) Voice Service Measurements (stabilized maintenance of ANSI/ATIS 0300221-1995 (S2015))
This standard provides specifications for in-service nonintrusive measurement devices (INMD) used to measure various parameters of importance to voice service transmission maintenance of telecommunications networks. These measurement devices are used primarily for the measurement of voicegrade analog parameters such as speech level, noise level, echo path loss and echo path delay. This standard specifies interface, measurement range, and accuracy requirements for measuring voicegrade transmission parameters as well as descriptions of optional functions associated with these parameters. Descriptions of measurement algorithms that have been verified to meet the accuracy requirements of this standard for the measurement of speech level, noise, and echo path delay are included in an annex.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300230-2015 (S202x), Telecommunications Charge Card and Billed Number Screening Validation Message Components (stabilized maintenance of ANSI/ATIS 0300230-2015 (R2020))
This standard describes information used within the validation process at a conceptual level and does not imply the use of specific network hardware components or signaling protocols. Certain parts of this standard will impact the protocols used to encode and transmit the information.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300234-2000 (S202x), Signaling System No. 7 (SS7) - MTP Levels 2 and 3 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300234-2000 (S2015))
This standard addresses the testing requirements for internetwork connections employing Common Channel Signaling (CCS) based on Signaling System No. 7 (SS7) protocol used in North America. The internetwork connection may be either within or between North American countries. This standard provides a list of test scripts for testing compatibility between the interconnecting networks of the Message Transfer Part (MTP), level 2 and level 3, of the SS7 protocol. MTP level 1 tests are not included here because they are transmission tests in nature and not related to the SS7 protocol. This standard references material in ANSI T1 SS7 protocol standards.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300235-2000 (S202x), Signaling System No. 7 (SS7) - SCCP Class 0 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300235-2000 (S2015))
This standard addresses the testing required for internetwork connections employing Common Channeling Signalling (CCS) based on Signalling System No. 7 (SS7) protocol used in North America. The internetwork connection may be either within or between North American countries. This standard provides a list of test scripts for testing compatibility between the interconnecting networks of the Signalling Connection Control Part (SCCP) Class 0 of the SS7 protocol. This standard references material in SS7 protocol standards. (See clause 2.)
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300239.1994 (S202x), ISDN Management - User-Network Interfaces Protocol Profile (stabilized maintenance of ANSI/ATIS 0300239-1994 (S2015))
This standard is one of a series of standards describing the model, protocol profile, and communications capabilities in support of management, protocol profile, and communications capabilities in support of management and maintenance functions to be provided at the ISDN user-network interface. This standard describes the protocol profile employed in providing management information transfer capabilities at the ISDN user-network interface.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0300241.1994 (S202x), Integrated Services Digital Network (ISDN) - Service-Profile Verification and Service-Profile Management ISDN Interface Management Services (stabilized maintenance of ANSI/ATIS 0300241-1994 (S2015))
This standard is one of a series describing the model, protocol profile, and the communications capabilities in support of management and maintenance functions to be provided at the ISDN user-network interface. This standard provides requirements for the reading and writing of ISDN service profile information in an ISDN switch directly from ISDN terminal Equipment. These capabilities provide for some real-time customer network management capabilities.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Withdrawal

BSR/ATIS 0300251.a-202x, ATIS Supplement A to ATIS-0300251, Structure for the Representation of Service Providers for Information Exchange (withdrawal of ANSI/ATIS 0300251.a-2020)
This Supplement provides modifications to ATIS 0300251.2020, Structure for the Representation of Service Providers for Information Exchange.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Same

CTA (Consumer Technology Association)

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

Stabilized Maintenance

BSR/CTA 2045.1 S-2025 (S202x), Modular Communications Interface for Firmware Transfer Message Set (stabilized maintenance of ANSI/CTA 2045.1-2014 (R2021))
This standard enables design of smart grid devices whose firmware can be reprogrammed using the modular communications interface described in ANSI/CTA 2045-B.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

CTA (Consumer Technology Association)

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

Stabilized Maintenance

BSR/CTA 2045.3 S-2025 (S202x), Modular Communications Interface for Thermostat Message Set (stabilized maintenance of ANSI/CTA 2045.3-2014 (R2021))
This specification is an extension of the ANSI/CTA 2045 Modular Communications Interface (MCI) for Energy Management Standard.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

MHI (Material Handling Industry)

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

Revision

BSR/MHI ICWM-202x, Vocabulary, Performance, and Testing Requirements for Casters and Wheels (revision of ANSI/MHI ICWM-2018)
This standard provides manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, structural adequacy, and technical requirements for group-specific casters and wheels. The standard defines industry terms, specific tests, equipment/methods that can be used, the conditions of tests, and minimum acceptance levels to be used in evaluating these products.
Single copy price: $50.00
Obtain an electronic copy from: pdavison@mhi.org
Send comments (copy psa@ansi.org) to: Same

NENA (National Emergency Number Association)

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

New Standard

BSR/NENA STA-048.1-202x, NENA Standard for 9-1-1 Notifications and Coordination with the United States Coast Guard (new standard)
The standard is to identify necessary information related to maritime events, when the United States Coast Guard (USCG) should be notified, how they should be notified, the regulations and statutes that prompt a notification to the USCG, and to provide a basic template for PSAPs to work from when coordinating efforts with USCG units. This standard builds on the basic foundations that every maritime incident response will start on. With this information at hand, PSAPs can work to create policy for a quicker, safer, more efficient, and effective response to maritime incidents.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=38950&wg_id=ac536738-f71c-43e6-aa48-f96aa2b24d79
Send comments (copy psa@ansi.org) to: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=38950&wg_id=ac536738-f71c-43e6-aa48-f96aa2b24d79

NENA (National Emergency Number Association)

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

Revision

BSR/NENA STA-006.3-202x, NENA Standard for NG9-1-1 GIS Data Model (revision of ANSI/NENA STA-006.2-2022)
This work will review and update the current NENA Standard for NG9-1-1 GIS Data Model to resolve discrepancies between the GIS Data Model and NENA-STA-010.3, NENA i3 Standard for Next Generation 9-1-1. It will also address additional requirements identified by other NENA Working Groups (i.e., CLDXF v2, CLDXF-CA, 3D GIS Requirements) that are needed to support the requirements of their documents. These changes are needed for NG9-1-1 to operate seamlessly and be interoperable with all agencies and responders across the US and Canada.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=38951&wg_id=cbe73ed9-8e96-475c-8a77-340dc6682b79
Send comments (copy psa@ansi.org) to: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=38951&wg_id=cbe73ed9-8e96-475c-8a77-340dc6682b79

Comment Deadline: January 19, 2026

NWRA (ASC Z245) (National Waste & Recycling Association)
1550 Crystal Drive Suite 804, Arlington, VA 22202 | yjerry@wasterecycling.org, www.wasterecycling.org

Reaffirmation

BSR Z245.5-2023 (R202x), Baling Equipment - Safety Requirements (reaffirmation of ANSI Z245.5-2023)
This standard outlines the safety requirements for the installation, operation, maintenance, service, repair, modification, and reconstruction (where applicable) of baling equipment.
Single copy price: Free
Obtain an electronic copy from: yjerry@wasterecycling.org
Send comments (copy psa@ansi.org) to: Same

NWRA (ASC Z245) (National Waste & Recycling Association)
1550 Crystal Drive Suite 804, Arlington, VA 22202 | yjerry@wasterecycling.org, www.wasterecycling.org

Reaffirmation

BSR Z245.30-2018 (R202x), Waste Containers - Safety Requirements (reaffirmation of ANSI Z245.30-2018)
This standard outlines the safety requirements for the manufacture, reconstruction, use, modification, maintenance, service, operation, and installation (where applicable) of containers, two-wheeled carts, and two-wheeled cart lifters used for the collection, transportation and recycling of solid wastes.
Single copy price: Free
Obtain an electronic copy from: yjerry@wasterecycling.org
Send comments (copy psa@ansi.org) to: Same

NWRA (ASC Z245) (National Waste & Recycling Association)
1550 Crystal Drive Suite 804, Arlington, VA 22202 | yjerry@wasterecycling.org, www.wasterecycling.org

Reaffirmation

BSR Z245.60-2018 (R202x), Waste Containers - Compatibility Requirements (reaffirmation of ANSI Z245.60 -2018)
This standard outlines the dimensional requirements for all waste containers commonly used in the collection, compaction, and transportation of solid waste and recyclables in residential, commercial, and industrial applications.
Single copy price: Free
Obtain an electronic copy from: yjerry@wasterecycling.org
Send comments (copy psa@ansi.org) to: Same

NWRA (ASC Z245) (National Waste & Recycling Association)
1550 Crystal Drive Suite 804, Arlington, VA 22202 | yjerry@wasterecycling.org, www.wasterecycling.org

Revision

BSR/NWRA Z245.1-202x, Mobile Wastes and Recyclable Materials, Collection, Transportation, and Compaction Equipment - Safety Requirements (revision of ANSI Z245.1-2017)
This standard outlines the collection, transportation, and compaction equipment safety requirements by providing specific requirements for construction, maintenance, and operation necessary to ensure the safe manufacture and operation of the mobile equipment.
Single copy price: Free
Obtain an electronic copy from: yjerry@wasterecycling.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

NWRA (ASC Z245) (National Waste & Recycling Association)

1550 Crystal Drive Suite 804, Arlington, VA 22202 | yjerry@wasterecycling.org, www.wasterecycling.org

Revision

BSR/NWRA Z245.2-202x, Stationary Compactors - Safety Requirements (revision of ANSI Z245.2-2023)
This standard outlines the safety requirements for the installation, operation, maintenance, service, repair, modification, and reconstruction (where applicable) of stationary compacting equipment.
Single copy price: Free
Obtain an electronic copy from: yjerry@wasterecycling.org
Send comments (copy psa@ansi.org) to: Same

NWRA (ASC Z245) (National Waste & Recycling Association)

1550 Crystal Drive Suite 804, Arlington, VA 22202 | yjerry@wasterecycling.org, www.wasterecycling.org

Revision

BSR/NWRA Z245.41-202x, Facilities for the Processing of Commingled Recyclable Materials - Safety Requirements (revision of ANSI Z245.41-2015)
This standard outlines the safety requirements for the design, manufacture, construction, modification, maintenance and operation of facilities used in the processing of commingled wastes and recyclable materials.
Single copy price: Free
Obtain an electronic copy from: yjerry@wasterecycling.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 Z299.1-202X, Voluntary Industry Performance Standards for Pressure and Velocity of Rimfire Sporting Ammunition for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.1-2015 (R2018))
In the interests of safety and interchangeability, this Standard provides pressure and velocity performance and dimensional characteristics for rimfire sporting ammunition. Included are procedures and equipment for determining these criteria.
Single copy price: $35.00 (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

SDI (ASC A250) (Steel Door Institute)

30200 Detroit Road, Westlake, OH 44145 | leh@wherryassoc.com, www.wherryassocsteeldoor.org

Reaffirmation

BSR A250.13-2014 (R202x), Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (reaffirmation of ANSI A250.13-2014 (R2018))
This standard provides procedures for testing and establishing load ratings (design pressure in pounds per square foot or design load in pounds force) for components of exterior swinging door assemblies for purposes of protection of openings in building envelopes during severe windstorm conditions, such as a hurricane, that produces sustained wind speeds or gusts in a range of 110 to 150 miles per hour as defined by ASCE 7. It is not intended to simulate wind forces generated by tornadoes. These products are for non-life safety installations and not for use in storm shelters. Life Safety/Shelter products must meet FEMA 320/361 and/or ICC 500.
Single copy price: $45.00
Obtain an electronic copy from: info@steeldoor.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 19, 2026

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 1042-2021 (R202x), Standard for Safety for Electric Baseboard Heating Equipment (reaffirmation of ANSI/UL 1042-2021)
Reaffirmation and continuance of the fifth Edition of the Standard for Safety for Electric Baseboard Heating Equipment, UL 1042, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 2021-2021 (R202x), Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (reaffirmation of ANSI/UL 2021-2021)
Reaffirmation and continuance of the 4th Edition of the Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters, UL 2021, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.0-202x, VNX+ Base Standard (new standard)
This document is the base standard for an Enhanced Small Form Factor System that meets the growing needs of improved Size, Weight and Power (SWaP) with a rugged, low-cost, fast serial fabric interconnect based Plug-In Module. The VITA 90.x family of standards builds on the foundation established by VITA 74 VNX. VNX+ significantly increases performance and system versatility beyond VITA 74, while following its mechanical framework.
Single copy price: $100.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.1-202x, VNX+ Profile Tables (new standard)
This standard documents VNX+ Slot Profiles, the protocols supported by these profiles, and the rules governing slot profiles. It also documents the Slot Profile naming system, as well as the VNX+ Alternative Module Profile Scheme.
Single copy price: $100.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: January 19, 2026

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.3-202x, VNX+ Power Subsystem Modules (new standard)
This standard defines the requirements to implement VNX+ compatible Power Subsystem Plug-In Modules in VNX + systems.
Single copy price: $100.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 90.4-202x, VNX+ Cooling and Mounting Systems (new standard)
This standard defines alternate retention and thermal management system features in VNX+ systems. These features include wedgelock-style card retainers, retention mechanisms, mounting hardware, and chassis interfaces.
Single copy price: $100.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: February 3, 2026

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B29.28-2015 (R202x), High Strength Chains for Power Transmission and Tension Linkages (reaffirmation of ANSI/ASME B29.28-2015)
This Standard covers roller chains that are specifically designed to withstand occasional high shock loads or high starting loads that are encountered in certain construction equipment and other severe-duty applications.
Single copy price: $38.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Lydia Stanford

Comment Deadline: February 3, 2026

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B29.300-2015 (R202x), Agricultural, Detachable, and Pintle Chains, Attachments, and Sprockets (reaffirmation of ANSI/ASME B29.300-2015)
AGRICULTURAL CHAINS: Covers chains that are a series of alternately assembled roller links and pin links in which the pins articulate inside the bushings and the rollers are free to turn on the bushings. The pitch of the sidebars is derived from the pitch of B29.6 series chain contained in B29.300 Standard. Pin link plates and roller link plates have identical contours.
DETACHABLE CHAINS: Covers chains that are a series of successively assembled steel links in which the end bars articulate inside the hook. Chain is detached by flexing it and driving the end bar out of the adjoining hook. Sprockets for use with steel detachable chains covered herein are only those with dimensions controlling the surfaces that must properly engage or clear the chain.
PINTLE CHAINS: Covers chains that are a series of one-piece formed links, connected by pins, that articulate within the barrels of adjacent links. Each link has a barrel end and an open end. The pins are fixed against rotation by mechanical locks or interference fits at the open end of the link. The barrels are open, leaving the pins exposed on one side. Sprocket contact is made against the barrel or against the exposed pin.
Single copy price: $92.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Lydia Stanford

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B18.16M-2004 (S202x), Dimensional Requirements for Prevailing-Torque-Type Steel Metric Hex Nuts and Hex Flange Nuts (stabilized maintenance of ANSI/ASME B18.16M-2004 (R2021))
This Standard covers the complete general, dimensional, mechanical, and performance data for metric prevailing-torque hex nuts and hex flange nuts of property classes 5, 9, and 10, as defined in ASTM A563M.
Single copy price: $39.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Lydia Stanford

Comment Deadline: February 3, 2026

BEPP (Board of Executive Protection Professionals)

8131 Dolce Flore Avenue, Las Vegas, NV 89178 | info@ep-board.org, https://www.scg-lv.com/

New Standard

BSR/BEPP EPS-202x, Standard for Providing Executive Protection (new standard)
This Standard establishes comprehensive guidance for providing executive protection services. It addresses topics that support executive protection operations, including but not limited to threat assessment and risk mitigation strategies, protective detail formations and protocols, advance procedures for travel and events, and contingency planning for emergencies. The standard emphasizes the importance of planning, professionalism, discretion, and continuous training for executive protection personnel. This standard is written to enhance the safety and security of individuals facing elevated personal risk by promoting a standardized approach to executive protection operations. We have created a dedicated webpage outlining the public comment process and review information. Materially interested parties who wish to participate in the public review and comment period may visit: https://www.ep-board.org/eps-public-review for more information.
Single copy price: Free
Order from: https://forms.gle/HPLq3yWPqC2AcBxq5
Send comments (copy psa@ansi.org) to: standards@ep-board.org

ULSE (UL Standards and Engagement)

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

Revision

BSR/CAN/UL 213-202x, Standard for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2023)
This proposal covers revisions to Product Specification Sheet and Electronic Installation Instructions.
Single copy price: Free
Order from: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 25A-202x, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 98 Percent (E0 - E98) (revision of ANSI/UL 25A-2024)
The following topic is being proposed: (1) Change upper limit for ethanol blends from E85 to E98.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: February 3, 2026

ULSE (UL Standards and Engagement)
47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 79A-202x, Standard for Safety for Power-Operated Pumps for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 - E98) (revision of ANSI/UL 79A-2024)
The following is being proposed: (1) Revision of requirements for non-metallic fuel containing materials.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)
47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 87A-202x, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 - E98) (revision of ANSI/UL 87A-2024)
The following topic is being proposed: (1) Change upper limit for ethanol blends from E85 to E98.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)
1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | Jeffrey.prusko@ul.org, https://ulse.org/

Revision

BSR/UL 330A-202x, Standard for Hose and Hose Assemblies for Use with Dispensing Devices Dispensing Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 - E98) (revision of ANSI/UL 330A-2024)
The following is being proposed: (1) Revise the scope of UL/ULC 330A to increase ethanol concentration from 85% to 98% for fuel-handling equipment.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable or https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.comProposalsAvailable

ULSE (UL Standards and Engagement)
47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ulse.org/

Revision

BSR/UL 331A-202x, Standard for Safety for Strainers for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 - E98) (revision of ANSI/UL 331A-2024)
The following is being proposed: (1) Revision of requirements for non-metallic fuel containing materials.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: February 3, 2026

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 567A-202x, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 - E98) (revision of ANSI/UL 567A-2024)
The following changes in requirements are being proposed for your review: (1) Revise the scope of UL 330A to increase ethanol concentration from 85% to 98% for fuel handling equipment
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable or https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.comProposalsAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 842A-202x, Standard for Safety for Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 - E98) (revision of ANSI/UL 842A-2024)
The following changes in requirements are being proposed for your review: (1) Revise the scope of UL/ULC 842A to increase ethanol concentration from 85% to 98% for fuel handling equipment; (2) Correction/Clarification of Weak Section Strength Test and External Leakage Test Limits.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable or https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.comProposalsAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2586A-202x, Standard for Safety for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 - E98) (revision of ANSI/UL 2586A-2024)
The following changes in requirements are being proposed for your review: (1) Revise the scope of UL 2586A to increase ethanol concentration from 85% to 98% for fuel handling equipment.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable or https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.comProposalsAvailable

Technical Reports Registered with ANSI

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

NEMA (ASC C18) (National Electrical Manufacturers Association)

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

New Technical Report

NEMA DB 10118, Hazard Mitigation for Portable Products Using Lithium-Ion Cells and Batteries-Technical Report (technical report)
The purpose of this technical report is to acquaint equipment and system application engineers with the possible hazards associated with the use of lithium-ion batteries, and the methods to mitigate the risks of those hazards. This document can also be used in conjunction with existing product safety standards to provide additional hazard reduction.

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:

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/IEC 60601-2-24-202x, Medical electrical equipment - Part 2-24: Particular requirements for the basic safety and essential performance of infusion pumps and controllers (identical national adoption of IEC 60601-2-24)
Send comments (copy psa@ansi.org) to: Ladan Bulookbashi <LBulookbashi@aami.org>

ABMA (ASC B3) (American Bearing Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@americanbearings.org, www.americanbearings.org

BSR ABMA ISO 199-202x, Rolling bearings - Thrust bearings - Geometrical product specifications (GPS) and tolerance values (identical national adoption of ISO 199:2023 and revision of ANSI/ABMA/ISO 199-2014)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@americanbearings.org>

ABMA (ASC B3) (American Bearing Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@americanbearings.org, www.americanbearings.org

BSR ABMA ISO 3096-202x, Rolling bearings - Needle rollers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values (new standard)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@americanbearings.org>

Project Withdrawn

NECA (National Electrical Contractors Association)

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

BSR/NECA 104-202X, Standard for Installing Aluminum and Copper-Clad Aluminum Building Wire and Cable (new standard)
Send comments (copy psa@ansi.org) to: Jeff Noren <Jeff.Noren@NECAnet.org>

NENA (National Emergency Number Association)

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

BSR/NENA STA-052.1-202x, NENA Standard for Incident Related Imagery (IRI) (new standard)
Send comments (copy psa@ansi.org) to: Gary Bell <crm@nena.org>

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ABMA (ASC B3) (American Bearing Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@americanbearings.org, www.americanbearings.org

ANSI/ABMA/ISO 3096:2014, Rolling bearings - Needle rollers - Dimensions and tolerances (identical national adoption of ISO 3096:1996 and revision of ANSI/ABMA/ISO 3096-1998 (S2013))
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@americanbearings.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

ABMA (ASC B3) (American Bearing Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@americanbearings.org, www.americanbearings.org

ANSI/ABMA/ISO 199-2014, Rolling bearings - Thrust bearings - Geometrical product specification (GPS) and tolerance values (identical national adoption of ISO 199:2014)
Send comments (copy psa@ansi.org) to: jconverse@americanbearings.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.

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

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

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 169-2021, Climatic Data for Building Design Standards (addenda to ANSI/ASHRAE Standard 169-2021) Final Action Date: 11/28/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cr to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 11/28/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum cz to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 11/28/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum dk to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 11/28/2025 | *Addenda*

ANSI/ASHRAE/IES Addendum dm to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 11/28/2025 | *Addenda*

ANSI/ASHRAE Standard 41.3-2025, Standard Methods for Pressure Measurements (revision of ANSI/ASHRAE Standard 41.3-2022) Final Action Date: 11/28/2025 | *Revision*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME MFC-12M-2025, Measurement of Fluid Flow in Closed Conduits Using Multiport Averaging Pitot Primary Elements (new standard) Final Action Date: 12/1/2025 | *New Standard*

ANSI/ASME MFC-22-2025, Measurement of Liquid by Turbine Flowmeters (new standard) Final Action Date: 12/1/2025 | *New Standard*

ANSI/ASME MFC-4M-1986 (R2025), Measurement of Gas Flow by Turbine Meters (reaffirmation of ANSI/ASME MFC -4M-1986 (R2016)) Final Action Date: 12/1/2025 | *Reaffirmation*

ANSI/ASME MFC-26-2011 (R2025), Measurement of Gas Flow by Bellmouth Inlet Flowmeters (reaffirmation of ANSI/ASME MFC-26-2011) Final Action Date: 12/1/2025 | *Reaffirmation*

ANSI/ASME MFC-21.2-2010 (R2025), Measurement of Fluid Flow by Means of Thermal Dispersion Mass Flowmeters (reaffirmation of ANSI/ASME MFC-21.2-2010) Final Action Date: 12/1/2025 | *Reaffirmation*

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

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

ANSI/ASSP A10.4-2025, Safety Requirements for Personnel Hoists, Employee Elevators, Rope-Guided and Non-Guided Workers™ Hoists on Construction and Demolition Sites (revision and redesignation of ANSI/ASSE A10.4-2016 and ANSI/ASSE A10.22-2007 (R2017)) Final Action Date: 11/26/2025 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA D120-2019 (R2025), Thermosetting Fiberglass-Reinforced Plastic Tanks (reaffirmation of ANSI/AWWA D120-2019) Final Action Date: 11/25/2025 | *Reaffirmation*

CSA (CSA America Standards Inc.)

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

ANSI/CSA FC 5-2021 (R2025), Hydrogen generators using fuel processing technologies - Part 1: Safety (reaffirm a national adoption ANSI/CSA FC 5-2021) Final Action Date: 12/1/2025 | *Reaffirmation*

ANSI/CSA HPRD 1-2021 (R2025), Thermally activated pressure relief devices for compressed hydrogen vehicle (HGV) fuel containers (reaffirmation of ANSI/CSA HPRD 1-2021) Final Action Date: 12/1/2025 | *Reaffirmation*

FM (FM Approvals)

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

ANSI/FM 5970-2025, Heavy Duty Mobile Equipment Fire Protection Systems Substantive Changes (new standard) Final Action Date: 11/26/2025 | *New Standard*

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | tbailey@isa.org, www.isa.org

ANSI/ISA 112.00.01-2025, SCADA Lifecycle, Diagrams and Terminology (new standard) Final Action Date: 12/1/2025 | *New Standard*

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

ANSI/NETA ETT-2026, Standard for Certification of Electrical Testing Technicians (revision of ANSI/NETA ETT-2022) Final Action Date: 12/1/2025 | *Revision*

NSF (NSF International)

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

ANSI/NSF 173-2025 (i109r1), Dietary Supplements (revision of ANSI/NSF 173-2024a) Final Action Date: 11/21/2025 | *Revision*

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI/SCTE 99-2025, Test Method for Axial Pull Connector/Drop Cable (revision of ANSI/SCTE 99-2019) Final Action Date: 12/1/2025 | *Revision*

ANSI/SCTE 62 2024-2025, Test Method: Noise Figure Testing Procedures (revision of ANSI/SCTE 62-2018) Final Action Date: 12/1/2025 | *Revision*

SDI (Steel Deck Institute)

3616 NW 97th Blvd, Gainesville, FL 32606 | tsputo50@gmail.com, www.sdi.org

ANSI/SDI SD-2022/S1, Supplement 1 to SDI SD-2022 Standard for Steel Deck (supplement to ANSI/SDI SD-2022) Final Action Date: 12/1/2025 | *Supplement*

ULSE (UL Standards and Engagement)

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

ANSI/UL 2996-2025, Standard for Safety for In-Ground Boxes (new standard) Final Action Date: 11/24/2025 | *New Standard*

ANSI/UL 291-2012 (R2025), Standard for Safety for Automated Teller Systems (reaffirmation of ANSI/UL 291-2012 (R2021)) Final Action Date: 12/1/2025 | *Reaffirmation*

ANSI/UL 1206-2021 (R2025), Standard for Commercial Electric Clothes-Washing Equipment (reaffirmation of ANSI/UL 1206-2021) Final Action Date: 11/25/2025 | *Reaffirmation*

ANSI/UL 1598A-2020 (R2025), Standard for Safety for Supplemental Requirements for Luminaires for Installation on Marine Vessels (reaffirmation of ANSI/UL 1598A-2020) Final Action Date: 12/1/2025 | *Reaffirmation*

ANSI/UL 626-2025a, Standard for Water Fire Extinguishers (revision of ANSI/UL 626-2025) Final Action Date: 11/25/2025 | *Revision*

ANSI/UL 1838-2025, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2023) Final Action Date: 11/25/2025 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 North Glebe Road, Suite 300, Arlington, VA 22203 | NAncona@aami.org, www.aami.org

BSR/AAMI PC76-202x/A1-202X, Active implantable medical devices-Requirements and test protocols for safety of patients with pacemakers and ICDs exposed to magnetic resonance imaging (addenda to ANSI/AAMI PC76-2021) Interest Categories: AAMI PC-WG03, Pacemaker & ICD MRI Compatibility, is seeking additional members representing user, general interest, and regulatory body interest categories in the development of an amendment to ANSI/AAMI PC76:2021, Active implantable medical devices—Requirements and test protocols for safety of patients with pacemakers and ICDs exposed to magnetic resonance imaging. Refer to AAMI's website to learn more about definition of interest categories: https://aami.org/standards/how-are-standards-developed/standards-policies-and-procedures

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 11138-7-2019 (R202x), Sterilization of health care products-Biological indicators-Part 7: Guidance for the selection, use and interpretation of results (reaffirm a national adoption ANSI/AAMI/ISO 11138-7-2019)

ACP (American Clean Power Association)

1299 Pennsylvania Ave. NW, Suite 1300, Washington, DC 20004 | dbrown@cleanpower.org, www.cleanpower.org

BSR/ACP 1005-202x, Recommended Practice for Interpreting Mineral Oil Gas Generation in Oil-Immersed Distributed Energy Transformers (new standard)

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

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

BSR/AHRI Standard 540-202x (SI/I-P), Performance Rating of Positive Displacement Refrigerant Compressors and Condensing Units (revision of ANSI/AHRI Standard 540 (I-P and SI)-2016)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B29.28-2015 (R202x), High Strength Chains for Power Transmission and Tension Linkages (reaffirmation of ANSI/ASME B29.28-2015)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B29.300-2015 (R202x), Agricultural, Detachable, and Pintle Chains, Attachments, and Sprockets (reaffirmation of ANSI/ASME B29.300-2015)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR ATIS 0300240-2014 (S202x), Operations, Administration, Maintenance, and Provisioning (OAM&P) - Generic Network Information Model for Interfaces between Operations Systems and Network Elements (stabilized maintenance of ANSI ATIS 0300240-2014 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300074-2015 (S202x), Guidelines and Requirements for Security Management Systems (stabilized maintenance of ANSI/ATIS 0300074-2015 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300202-2015 (S202x), Internetwork Operations - Guidelines for Network Management of Public Telecommunications Networks under Disaster Conditions (stabilized maintenance of ANSI/ATIS 0300202-2015 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300207-2000 (S202x), Operations, Administration, Maintenance, and Provisioning (OAM&P) - Terminating Test Line Access and Capabilities (stabilized maintenance of ANSI/ATIS 0300207-2000 (S2015))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300210-2015 (S202x), OAM&P Principles of Functions, Architectures, and Protocol for Telecommunications Management Network Interfaces and enhanced Telecom Operations Map (eTOM) (stabilized maintenance of ANSI/ATIS 0300210-2015 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300212-2015 (S202x), Enhanced Telecommunications Charge Card Physical Characteristics and Numbering Structure (stabilized maintenance of ANSI/ATIS 0300212-2015 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300213-2020 (R202x), Structure for the Identification of Equipment Entities for Information Exchange (reaffirmation of ANSI/ATIS 0300213-2020)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300221.1995 (S202x), Operations, Administration, Maintenance, and Provisioning (OAM&P) - In-Service, Non-intrusive Measurement Device (INMD) Voice Service Measurements (stabilized maintenance of ANSI/ATIS 0300221-1995 (S2015))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300223-2020 (R202x), Structure and Representation of Network Channel (NC) and Network Channel Interface (NCI) Codes for Information Exchange (reaffirmation of ANSI/ATIS 0300223-2020)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300230-2015 (S202x), Telecommunications Charge Card and Billed Number Screening Validation Message Components (stabilized maintenance of ANSI/ATIS 0300230-2015 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300234-2000 (S202x), Signaling System No. 7 (SS7) - MTP Levels 2 and 3 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300234-2000 (S2015))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300235-2000 (S202x), Signaling System No. 7 (SS7) - SCCP Class 0 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300235-2000 (S2015))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300239.1994 (S202x), ISDN Management - User-Network Interfaces Protocol Profile (stabilized maintenance of ANSI/ATIS 0300239-1994 (S2015))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300241.1994 (S202x), Integrated Services Digital Network (ISDN) - Service-Profile Verification and Service-Profile Management ISDN Interface Management Services (stabilized maintenance of ANSI/ATIS 0300241 -1994 (S2015))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300251.a-202x, ATIS Supplement A to ATIS-0300251, Structure for the Representation of Service Providers for Information Exchange (withdrawal of ANSI/ATIS 0300251.a-2020)

ATIS (Alliance for Telecommunications Industry Solutions)

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0300253-2020 (R202x), Structure for the Representation of Location Entities for Information Exchange (reaffirmation of ANSI/ATIS 0300253-2020)

CTA (Consumer Technology Association)

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

BSR/CTA 2045.1 S-2025 (S202x), Modular Communications Interface for Firmware Transfer Message Set (stabilized maintenance of ANSI/CTA 2045.1-2014 (R2021))
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the R07.08 Modular Communication Interface for Energy Management Committee are particularly interested in adding new members (called "users") who acquire products from those who create them, and in adding new members who neither produce nor use those products, and others (called members with a "general interest").

CTA (Consumer Technology Association)

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

BSR/CTA 2045.3 S-2025 (S202x), Modular Communications Interface for Thermostat Message Set (stabilized maintenance of ANSI/CTA 2045.3-2014 (R2021))
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the R07.08 Modular Communication Interface for Energy Management Committee are particularly interested in adding new members (called "users") who acquire products from those who create them, and in adding new members who neither produce nor use those products, and others (called members with a "general interest").

HI (Hydraulic Institute)

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

BSR/HI 3.1-3.5-202x, Rotary Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 3.1-3.5-2021)

HI (Hydraulic Institute)

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

BSR/HI 9.6.2-202x, Rotodynamic Pumps for Assessment of Applied Nozzle Loads (revision of ANSI/HI 9.6.2-2021)

HI (Hydraulic Institute)

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

BSR/HI 10.1-10.5-202x, Air-Operated Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 10.1-10.5-2021)

IKECA (International Kitchen Exhaust Cleaning Association)

2331 Rock Spring Road, Forest Hill, MD 21050 | allison@ikeca.org, www.ikeca.org

BSR/IKECA M-10-202x, Standard for the Methodology for Maintenance of Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA M-10-2023)

NSF (NSF International)

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

BSR/NSF 2-202x (i49r1), Food Equipment (revision of ANSI/NSF 2-2022)

NSF (NSF International)

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

BSR/NSF 46-202x (i49r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2022)

NSF (NSF International)

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

BSR/NSF 455-3-202x (i48r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)

OPEI (Outdoor Power Equipment Institute)

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

BSR/OPEI B175.2-202x, (Standard) for Outdoor Power Equipment - Internal Combustion Engine-Powered Handheld and Backpack Blowers and Blower-Vacuums - Safety Requirements and Preformance Testing Procedures (revision of ANSI/OPEI B175.2-2012 (R2019))

OPEI (Outdoor Power Equipment Institute)

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

BSR/OPEI Z130.1-202x, (Standard) for Golf Cars - Safety and Performance Specifications (revision of ANSI/OPEI Z130.1-2020)

OPEI (Outdoor Power Equipment Institute)

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

BSR/OPEI Z135-202x, (Standard) for Personal Transport Vehicles - Safety and Performance Specifications (revision of ANSI/OPEI Z135-2020)

SDI (ASC A250) (Steel Door Institute)

30200 Detroit Road, Westlake, OH 44145 | leh@wherryassoc.com, www.wherryassocsteeldoor.org

BSR A250.13-2014 (R202x), Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (reaffirmation of ANSI A250.13-2014 (R2018))

ULSE (UL Standards and Engagement)

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

BSR/UL 110-202x, Standard for Sustainability for Mobile Phones (revision of ANSI/UL 110-2024)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.0-202x, VNX+ Base Standard (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.1-202x, VNX+ Profile Tables (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.3-202x, VNX+ Power Subsystem Modules (new standard)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 90.4-202x, VNX+ Cooling and Mounting Systems (new standard)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

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)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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

Teresa Ambrosius
tambrosius@aafs.org

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
www.aami.org

Thomas Kim
tkim@aami.org

AAMI
Association for the Advancement of Medical Instrumentation
901 North Glebe Road, Suite 300
Arlington, VA 22203
www.aami.org

Nicholas Ancona
nancona@aami.org

ACP
American Clean Power Association
1299 Pennsylvania Ave. NW, Suite 1300
Washington, DC 20004
www.cleanpower.org

Duane Brown
dbrown@cleanpower.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2311 Wilson Boulevard, Suite 400
Arlington, VA 22201
www.ahrinet.org

Jerry Yeh
jyeh2@ahrinet.org

ALI (ASC A14)
American Ladder Institute
330 N. Wabash Avenue, Suite 2000
Chicago, IL 60611
www.americanladderinstitute.org

Joe Zgrabik
jzgrabik@thomasamc.com

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

Kathryn Murdoch
kmurdoch@ans.org

ASB (ASC Z50)
American Society of Baking
1415 Shelby Street, Suite A
Indianapolis, IN 46203
www.asbe.org

Sarah Day
sday@asbe.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
www.x9.org

Ambria Calloway
ambria.frazier@x9.org

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

Carmen King
cking@ashrae.org

Emily Toto
etoto@ashrae.org

Mark Weber
mweber@ashrae.org

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

Terrell Henry
ansibox@asme.org

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

Lauren Bauerschmidt
LBauerschmidt@assp.org

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

Anna Zewe
aroessingzewe@assp.org

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

Meredith Klein
accreditation@astm.org

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

Drew Greco
dgreco@atis.org

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

Madeline Rohr
mrohr@awwa.org

BEPP
Board of Executive Protection Professionals
8131 Dolce Flore Avenue
Las Vegas, NV 89178
https://www.scg-lv.com/

James Cameron
info@ep-board.org

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

Thuy Ton
ansi.contact@csagroup.org

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

Aaron Chalmers
achalmers@cta.tech

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

Josephine Mahnken
josephine.mahnken@fmapprovals.com

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

Edgar Suarez
esuarez@pumps.org

Leslie Domenech
HItechnical@pumps.org

ICC
International Code Council
4051 Flossmoor Road
Country Club Hills, IL 60478
www.iccsafe.org

Karl Aittaniemi
kaittaniemi@iccsafe.org

IKECA
International Kitchen Exhaust Cleaning Association
2331 Rock Spring Road
Forest Hill, MD 21050
www.ikeca.org

Allison Forsythe
allison@ikeca.org

ISA (Organization)
International Society of Automation
3252 S. Miami Blvd, Suite 102
Durham, NC 27703
www.isa.org

Torry Bailey
tbailey@isa.org

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

Patrick Davison
pdavison@mhi.org

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

Khaled Masri
Khaled.Masri@nema.org

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

Nena Staff
crm@nena.org

NETA
InterNational Electrical Testing Association
3050 Old Centre Rd, Suite 101
Portage, MI 49024
www.netaworld.org

Lamar Danzy
ldanzy@netaworld.org

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

Allan Rose
arose@nsf.org

Rachel Brooker
rbrooker@nsf.org

Shannon McCormick
smccormick@nsf.org

NWRA (ASC Z245)
National Waste & Recycling Association
1550 Crystal Drive Suite 804
Arlington, VA 22202
www.wasterecycling.org

Yashuwa Jerry
yjerry@wasterecycling.org

OPEI
Outdoor Power Equipment Institute
1605 King Street
Alexandria, VA 22314
www.opei.org

Greg Knott
gknott@opei.org

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

Brian Osowiecki
bosowiecki@saami.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Road
Exton, PA 19341
www.scte.org

Natasha Aden
naden@scte.org

SDI (ASC A250)
Steel Door Institute
30200 Detroit Road
Westlake, OH 44145
www.wherryassocsteeldoor.org

Linda Hamill
leh@wherryassoc.com

SDI (Canvass)
Steel Deck Institute
3616 NW 97th Blvd
Gainesville, FL 32606
www.sdi.org

Thomas Sputo
tsputo50@gmail.com

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

Sabrina Khrebtov
sabrina.khrebtov@ul.org

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

Ashley Seward
ashley.seward@ul.org

Julio Morales
Julio.Morales@UL.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

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

Jeff Prusko
Jeffrey.prusko@ul.org

Leslie Malaki
Leslie.Malaki@ul.org

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

Lauren Valentino
lauren.valentino@ul.org

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

Derrick Martin
Derrick.L.Martin@ul.org

Marcia Kawate
Marcia.M.Kawate@ul.org

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

Felipe Luz
Felipe.Luz@ul.org

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

Hannah Kirkland
Hannah.Kirkland@UL.org

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

Jing Kwok
jing.kwok@vita.com

ISO & IEC Draft International Standards

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

COMMENTS

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

Those regarding IEC documents should be sent to the USNC/IEC team at ANSI's New York offices (usnc@ansi.org). The final date for offering comments is listed after each draft.

ACCESSING ISO AND IEC DRAFTS

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

ISO Standards

Ceramic ware, glassware and glass ceramic ware in contact with food (TC 166)

ISO/DIS 6486-2, Ceramic ware, glass-ceramic ware and glass dinnerware in contact with food - Release of lead and cadmium - Part 2: Permissible limits - 2/16/2026, $40.00

ISO/DIS 7086-2, Glass hollowware in contact with food - Release of lead and cadmium - Part 2: Permissible limits - 2/16/2026, $40.00

Cleaning equipment for air and other gases (TC 142)

ISO/DIS 17597, Test method for measuring in-duct Airborne Microorganisms Inactivation/Removal Effectiveness (AMIRE) - 2/14/2026, $67.00

Corrosion of metals and alloys (TC 156)

ISO/DIS 22479, Corrosion of metals and alloys - Sulfur dioxide test in a humid atmosphere (fixed gas method) - 2/14/2026, $67.00

Dentistry (TC 106)

ISO/DIS 23401-1, Dentistry - Denture lining materials - Part 1: Hard type materials - 2/15/2026, $58.00

Fasteners (TC 2)

ISO/DIS 6157-4, Fasteners - Surface discontinuities - Part 4: Washers - 2/19/2026, $71.00

Fine Bubble Technology (TC 281)

ISO/DIS 21256-2, Fine bubble technology - Cleaning applications - Part 2: Test method for cleaning machine-oil stained surfaces of machined metal parts - 2/15/2026, $67.00

Health Informatics (TC 215)

ISO/DIS 11238, Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated information on substances - 2/16/2026, $125.00

ISO/DIS 16843-4, Health informatics - Categorial structures for representation of acupuncture - Part 4: Meridian and collateral channels - 2/16/2026, $40.00

Human resource management (TC 260)

ISO/DIS 30440, Human resource management - Strategic and ethical integration of technology - 2/15/2026, $88.00

Hydrogen energy technologies (TC 197)

ISO/DIS 19870-2, Hydrogen technologies - Methodology for determining the greenhouse gas emissions associated with the hydrogen supply chain - Part 2: Emissions associated with the conditioning and transport of gaseous and liquid hydrogen up to consumption gate - 2/6/2026, $112.00

Industrial trucks (TC 110)

ISO/DIS 22915-21, Industrial trucks - Verification of stability - Part 21: Order-picking trucks with operator position elevating above 1 200 mm - 2/16/2026, $40.00

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

ISO/DIS 29501, Operating management systems - Requirements with guidance for use - 2/14/2026, $119.00

ISO/DIS 19277-1, Oil and gas industries including lower carbon energy- Qualification testing and acceptance criteria for protective coating systems under insulation - Part 1: Liquid applied coatings - 2/19/2026, $98.00

Other

ISO/DIS 5403-2, Leather - Determination of water resistance of flexible leather - Part 2: Repeated angular compression (Maeser) - 2/15/2026, $46.00

ISO/DGuide DIS 84.2, Guidelines for addressing climate change in standards - 12/19/2024, $134.00

Road vehicles (TC 22)

ISO/DIS 15500-6, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 6: Automatic valve - 2/14/2026, $40.00

ISO/DIS 15500-7, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 7: Gas injector - 2/14/2026, $40.00

Ships and marine technology (TC 8)

ISO/DIS 25750, Ships and maritime technology - Secured Ship Network (SSN) - 2/13/2026, $112.00

ISO/DIS 3715-1, Ships and marine technology - Propulsion plants for ships - Part 1: Vocabulary for geometry of screw propellers - 2/15/2026, $71.00

Small craft (TC 188)

ISO/DIS 12217-1, Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats - 2/8/2026, $146.00

ISO/DIS 12217-2, Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats - 2/8/2026, $146.00

(TC 333)

ISO/DIS 12467-3, Chemical analysis of lithium composite oxides - Part 3: Determination of lithium carbonate and lithium hydroxide contents - 2/15/2026, $46.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 26162-4, Management of terminology resources - Terminology databases - Part 4: Quality - 2/19/2026, $88.00

Tourism and related services (TC 228)

ISO/DIS 18981, Tourism and related services - Restaurants - Guidelines for buffet design and services - 2/14/2026, $58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 15944-7:2009/DAmd 2, - Amendment 2: Information technology - Business operational view - Part 7: eBusiness vocabulary - Amendment 2 - 2/15/2026, $155.00

ISO/IEC 9594-11:2025/DAmd 1, - Amendment 1: Information technology - Open systems interconnection directory - Part 11: Protocol specifications for secure operations - Amendment 1: Miscellaneous enhancements - 2/19/2026, $33.00

ISO/IEC DIS 18305, Information technology - Real time locating systems - Test and evaluation of localization and tracking systems - 2/14/2026, $155.00

ISO/IEC DIS 27028.2, Information security, cybersecurity and privacy protection - Guidance on using information security control attributes - 2/8/2025, $77.00

ISO/IEC DIS 23003-8, Information technology - MPEG audio technologies - Part 8: Biomedical and general waveform signal coding - 2/19/2026, $203.00

ISO/IEC DIS 26112-1, JPEG XE - Event coding system - Part 1: Core coding system - 2/19/2026, $102.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/1175/CDV, IEC 61811-1/AMD2 ED2: Amendment 2 - Electromechanical telecom elementary relays of assessed quality - Part 1: Generic specification and blank detail specification, 02/20/2026

94/1181/FDIS, IEC 63522-41 ED1: Electrical relays - Tests and measurements - Part 41: Tests and measurement procedures - Insulation coordination, 01/09/2026

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

100/4427/CD, IEC 63207 ED2: Measurement methods of blue light characteristics and related optical performance for visual display terminals, 02/20/2026

100/4425/CD, IEC TR 63708 ED1: Proprioceptive Interaction, 01/23/2026

Documentation and graphical symbols (TC 3)

3D/474/VD, IEC 61360-C00187 ED3: Contact and organisation information, 01/23/2026

Electric road vehicles and electric industrial trucks (TC 69)

69/1115/NP, PNW 69-1115 ED1: Requirements of bidirectional wireless power transfer for electric vehicles, 02/20/2026

Electrical accessories (TC 23)

23E/1409/NP, PNW 23E-1409 ED1: Power loss and control circuit power consumption for circuit-breakers and similar equipment for household use, 02/20/2026

Electrical apparatus for explosive atmospheres (TC 31)

31/1948/CD, IEC 62990-1 ED2: Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases, 02/20/2026

Electrical equipment in medical practice (TC 62)

62D/2271(F)/FDIS, IEC 80601-2-52 ED1: Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds for adults, 12/19/2025

Electrical installations of buildings (TC 64)

64/2802/CD, IEC 60364-5-52 ED4: Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems, 03/20/2026

Electromagnetic compatibility (TC 77)

77/637/DTS, IEC TS 61000-1-6 ED1: Electromagnetic compatibility (EMC) - Part 1-6: General - Guidelines for the evaluation of measurement uncertainty in EMC testing, 01/23/2026

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

48B/3190/CD, IEC 61076-8-113 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 8-113: Power connectors - Detail specification for 2P+PE CBC power connectors with 400V DC rated voltage and 20 A rated current, 01/23/2026

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

104/1136/CDV, IEC 60068-2-64 ED3: Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, 02/20/2026

Fibre optics (TC 86)

86C/1997/CDV, IEC 61280-4-2/AMD1 ED3: Amendment 1 - Fibre-optic communication subsystem test procedures - Part 4 -2: Installed cabling plant - Single-mode attenuation and optical return loss measurements, 02/20/2026

86C/2005/FDIS, IEC 61291-5-2/AMD1 ED2: Amendment 1 - Optical amplifiers - Part 5-2: Qualification specifications - Reliability qualification for optical fibre amplifiers, 01/09/2026

86B/5142/CDV, IEC 61300-3-48 ED2: Fibre optic interconnect devices and passive components - Basic test and measurement procedures - Part 3-48: Examinations and measurements - Spring compression force of the coupling sleeve for rectangular ferrule multi-fibre connectors, 02/20/2026

Fuses (TC 32)

32/290/CD, IEC 63523 ED1: Fuse-links with DC rated voltage above 1500 V for the protection of DC circuits with short time constants, 01/23/2026

Industrial-process measurement and control (TC 65)

65C/1377A/NP, PNW 65C-1377 ED1: Industrial networks - Fieldbus specifications - Part 2-0: Physical layer specification and service definition - General concepts and terminology, 02/13/2026

Instrument transformers (TC 38)

38/841/NP, PNW 38-841 ED1: Star point reactors for HVDC applications, based on voltage transformers, 12/26/2025

Lamps and related equipment (TC 34)

34/1416/DTR, IEC TR 63139 ED2: Explanation and background information on electrical safety requirements in TC 34 standards, 01/23/2026

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1177/CD, IEC 63173-2 ED2: Maritime navigation and radiocommunication equipment and systems - Data interfaces - Part 2: Secure communication between ship and shore (SECOM), 01/23/2026

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

113/943/NP, PNW TS 113-943 ED1: Nanomanufacturing - Key control characteristics - Part-4-16: Nano-enabled energy storage - Hansen dispersibility parameters of carbon black for the electrodes of electrochemical devices: Sedimentation velocity method, 02/20/2026

Nuclear instrumentation (TC 45)

45A/1633/CDV, IEC 61250 ED2: Nuclear power plants - Instrumentation and control systems important to safety - Detection of leakage in coolant systems, 02/20/2026

45/1027/CDV, IEC 63620 ED1: Tracking systems for radioactive materials - Specific requirement of electronic tagging system, 02/20/2026

Performance of household electrical appliances (TC 59)

59D/536/CD, IEC 60734/AMD1 ED4: Amendment 1 - Household electrical appliances - Performance - Water for testing, 01/23/2026

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

49/1526/FDIS, IEC 63041-3 ED2: Piezoelectric sensors - Part 3: Physical sensors, 01/09/2026

Rotating machinery (TC 2)

2/2280(F)/FDIS, IEC 60072-3 ED2: Dimensions and output series for rotating electrical machines - Part 3: Small built-in motors - Flange numbers BF10 to BF50, 12/12/2025

Safety of machinery - Electrotechnical aspects (TC 44)

44/1074/FDIS, IEC 62061/AMD2 ED2: Amendment 2 - Safety of machinery - Functional safety of safety-related control systems, 01/09/2026

44/1071/CDV, IEC 62745 ED2: Safety of machinery - Requirements for cableless control systems of machinery, 02/20/2026

Secondary cells and batteries (TC 21)

21/1268/CD, IEC 63591-1 ED1: Secondary sodium-ion cells for the propulsion of electric road vehicles - Part 1: Performance testing, 01/23/2026

21/1269/CD, IEC 63591-2 ED1: Secondary sodium-ion cells for the propulsion of electric road vehicles - Part 2: Safety requirements and test methods, 01/23/2026

Semiconductor devices (TC 47)

47/2986/FDIS, IEC 63601 ED1: Guideline for evaluating bias temperature instability of silicon carbide metal-oxide-semiconductor devices for power electronic conversion (Fast track), 01/09/2026

Solar photovoltaic energy systems (TC 82)

82/2520/CDV, IEC 63387-1 ED1: Hybrid CPV/PV modules: General characteristics and measurement procedures - Part 1: Performance measurements and power rating - Irradiance and temperature, 02/20/2026

(TC)

CIS/H/547(F)/FDIS, IEC 61000-6-3 ED4: Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential locations, 12/12/2025

SyCAAL/413/CD, IEC SRD 63658 ED1: Guidance for AAL services based on the smart speaker in connected home environment (CHE), 02/20/2026

Wearable electronic devices and technologies (TC 124)

124/361/NP, PNW 124-361 ED1: Future IEC 63203-402-X: Wearable electronic devices and technologies - Part 402-X: Wearable technology for sleep monitoring and care - Framework and general requirements, 02/20/2026

Wind turbine generator systems (TC 88)

88/1127/CDV, IEC 61400-12-1/AMD1 ED3: Amendment 1 - Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines, 02/20/2026

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC43/185/DTS, ISO/IEC TS 27571 ED1: Information technology - Brain-computer interfaces - Data format for non-invasive brain information collection, 01/23/2026

Newly Published ISO & IEC Standards

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

ISO Standards

Acoustics (TC 43)

ISO 15664:2025, Acoustics - Noise control design procedures for open plant, $201.00

Agricultural food products (TC 34)

ISO 6673:2025, Green coffee - Determination of loss in mass at 105 °C, $56.00

ISO 18794:2025, Coffee - Sensory analysis - Vocabulary, $84.00

ISO 18862:2025, Coffee and coffee products - Determination of acrylamide - Methods using high-performance liquid chromatography with tandem mass spectrometric detection (HPLC-MS/MS) and gas chromatography with mass spectrometric detection (GC-MS) after derivatization, $172.00

Anaesthetic and respiratory equipment (TC 121)

ISO 17510:2025, Medical devices - Sleep apnoea breathing therapy - Masks and application accessories, $230.00

Floor coverings (TC 219)

ISO 23999:2025, Resilient floor coverings - Determination of dimensional stability and curling (vertical deformation) after exposure to heat, $127.00

Fluid power systems (TC 131)

ISO 3601-2:2025, Fluid power systems - O-rings - Part 2: Housing dimensions for general applications, $259.00

Geotechnics (TC 182)

ISO 18674-7:2025, Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 7: Measurement of strains: Strain gauges, $230.00

Health Informatics (TC 215)

ISO 16843-1:2025, Health informatics - Categorial structures for representation of acupuncture - Part 1: Acupuncture points, $84.00

ISO 17117-1:2025, Health informatics - Terminological resources - Part 1: Characteristics, $172.00

Jewellery (TC 174)

ISO 19919:2025, Jewellery and precious metals - Determination of silver - ICP-OES method using an internal standard element, $84.00

Paper, board and pulps (TC 6)

ISO 16260:2025, Paper and board - Determination of internal bond strength, $127.00

Petroleum products and lubricants (TC 28)

ISO 32662-1:2025, Liquid petroleum products - Determination of total contamination - Part 1: Middle distillates and diesel fuels, $84.00

ISO 32662-2:2025, Liquid petroleum products - Determination of total contamination - Part 2: Fatty acid methyl esters, $84.00

Road vehicles (TC 22)

ISO 6563:2025, Rear load carrier for wheeled vehicles - Requirements and test methods, $230.00

ISO 3888-2:2025, Passenger cars - Test track for a severe lane-change manoeuvre - Part 2: Obstacle avoidance, $56.00

ISO 15501-1:2025, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 1: Safety requirements, $127.00

ISO 15501-2:2025, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 2: Test methods, $84.00

Soil quality (TC 190)

ISO 18227:2025, Environmental solid matrices - Determination of elemental composition by X-ray fluorescence spectrometry, $230.00

Textiles (TC 38)

ISO 1139:2025, Textiles - Designation of yarns, $84.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 24120-3:2025, Agricultural irrigation equipment - Guidelines on the implementation of pressurized irrigation systems - Part 3: Sprinkler irrigation, $172.00

Tyres, rims and valves (TC 31)

ISO 10454:2025, Truck and bus tyres - Verifying tyre capabilities - Laboratory test methods, $84.00

ISO 15222:2025, Truck and bus tyres - Method for measuring relative wet grip performance - Loaded new tyres, $172.00

ISO Technical Reports

Ergonomics (TC 159)

ISO/TR 5716:2025, Multivariate analysis using anthropometric data and a virtual fit tool, $84.00

Road vehicles (TC 22)

ISO/TR 8234:2025, Road vehicles - Pre-crash classification systems, $201.00

ISO Technical Specifications

Environmental management (TC 207)

ISO/TS 14064-4:2025, Greenhouse gases - Part 4: Guidance for the application of ISO 14064-1, $287.00

Geographic information/Geomatics (TC 211)

ISO/TS 19166:2025, Geographic information - Building information modelling (BIM) to geographic information systems (GIS) conceptual mapping (B2GM), $172.00

Paints and varnishes (TC 35)

ISO/TS 9124:2025, Paints and varnishes - Thermal performance of paint films - Determination of solar irradiation penetration ratio with heat flow meter, $172.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 17629:2025, Information technology - Office equipment - Method for measuring first print out time for digital printing devices, $201.00

ISO/IEC TS 18013-6:2025, Personal identification - ISO-compliant driving licence - Part 6: mDL test methods, $259.00

IEC Standards

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

IEC 63616 Ed. 1.0 b:2025, Measurement of the conductivity for metal thin films at microwave and millimeter-wave frequencies - Balanced-type circular disk resonator method, $103.00

IEC 63616 Ed. 1.0 en:2025, Measurement of the conductivity for metal thin films at microwave and millimeter-wave frequencies - Balanced-type circular disk resonator method, $103.00

Electric road vehicles and electric industrial trucks (TC 69)

IEC 63382-1 Ed. 1.0 b:2025, Management of distributed energy storage systems based on electrically chargeable vehicle batteries - Part 1: Use cases and architectures, $580.00

IEC 63382-1 Ed. 1.0 en:2025, Management of distributed energy storage systems based on electrically chargeable vehicle batteries - Part 1: Use cases and architectures, $580.00

IEC 63584-210 Ed. 1.0 en:2025, Open Charge Point Protocol 2.1, $580.00

IEC/PAS 61980-4 Ed. 1.0 en:2025, Electric vehicle wireless power transfer (WPT) systems - Part 4: Interoperability and safety of high-power wireless power transfer (H-WPT) for electric vehicles, $470.00

Electrical accessories (TC 23)

IEC 61009-1 Ed. 4.0 b:2024, Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules, $528.00

IEC 62196-1 Ed. 5.0 en:2025, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements, $496.00

IEC 62196-1 Ed. 5.0 b:2025, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements, $496.00

IEC 62196-1 Ed. 5.0 en:2025 CMV, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements, $992.00

IEC 62196-2 Ed. 4.0 en:2025, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories, $470.00

IEC 62196-2 Ed. 4.0 b:2025, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories, $470.00

Electrical apparatus for explosive atmospheres (TC 31)

IEC 60079-29-0 Ed. 1.0 en:2025, Explosive atmospheres - Part 29-0: Gas detection equipment - General requirements and test methods, $496.00

IEC 60079-29-0 Ed. 1.0 b:2025, Explosive atmospheres - Part 29 -0: Gas detection equipment - General requirements and test methods, $496.00

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

IEC 61076-2 Ed. 3.0 en:2025, Connectors for electrical and electronic equipment - Product requirements - Part 2: Sectional specification for circular connectors, $258.00

IEC 61076-2 Ed. 3.0 b:2025, Connectors for electrical and electronic equipment - Product requirements - Part 2: Sectional specification for circular connectors, $258.00

Fuses (TC 32)

IEC 60269-3 Ed. 5.0 b Cor.1:2025, Corrigendum 1 - Low-voltage fuses - Part 3: Supplementary requirements for fuses for operation by unskilled persons (fuses mainly for household and similar applications) - Examples of standardized systems of fuses A to F, $0.00

Rotating machinery (TC 2)

IEC 60034-30-1 Ed. 2.0 en:2025, Rotating electrical machines - Part 30-1: Efficiency classes of line operated AC motors (IE code), $258.00

IEC 60034-30-1 Ed. 2.0 b:2025, Rotating electrical machines - Part 30-1: Efficiency classes of line operated AC motors (IE code), $258.00

IEC 60034-30-1 Ed. 2.0 en:2025 CMV, Rotating electrical machines - Part 30-1: Efficiency classes of line operated AC motors (IE code), $515.00

Semiconductor devices (TC 47)

IEC 60749-7 Ed. 3.0 en:2025, Semiconductor devices - Mechanical and climatic test methods - Part 7: Internal moisture content measurement and the analysis of other residual gases, $103.00

IEC 60749-7 Ed. 3.0 b:2025, Semiconductor devices - Mechanical and climatic test methods - Part 7: Internal moisture content measurement and the analysis of other residual gases, $103.00

IEC 60749-24 Ed. 2.0 en:2025, Semiconductor devices - Mechanical and climatic test methods - Part 24: Accelerated moisture resistance - Unbiased HAST, $52.00

IEC 60749-24 Ed. 2.0 b:2025, Semiconductor devices - Mechanical and climatic test methods - Part 24: Accelerated moisture resistance - Unbiased HAST, $52.00

IEC 62047-49 Ed. 1.0 en:2025, Semiconductor devices - Micro-electromechanical devices - Part 49: Temperature and humidity test methods for piezoelectric MEMS cantilevers, $26.00

IEC 60749-22-1 Ed. 1.0 en:2025, Semiconductor devices - Mechanical and climatic test methods - Part 22-1: Bond strength - Wire bond pull test methods, $470.00

IEC 60749-22-1 Ed. 1.0 b:2025, Semiconductor devices - Mechanical and climatic test methods - Part 22-1: Bond strength - Wire bond pull test methods, $470.00

IEC 60749-22-2 Ed. 1.0 en:2025, Semiconductor devices - Mechanical and climatic test methods - Part 22-2: Bond strength - Wire bond shear test methods, $322.00

IEC 60749-22-2 Ed. 1.0 b:2025, Semiconductor devices - Mechanical and climatic test methods - Part 22-2: Bond strength - Wire bond shear test methods, $322.00

S+ IEC 60749-24 Ed. 2.0 en:2025 (Redline version), Semiconductor devices - Mechanical and climatic test methods - Part 24: Accelerated moisture resistance - Unbiased HAST, $88.00

IEC Technical Reports

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

IEC/TR 60297-3-1 Ed. 1.0 en Cor.1:2025, Corrigendum 1 - Mechanical structures for electrical and electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-1: Technological schemes and applications, $0.00

Standard voltages, current ratings and frequencies (TC 8)

IEC/TR 63282-102 Ed. 1.0 en:2025, LVDC systems - Part 102: Low-voltage DC electric island power supply systems, $470.00

IEC Technical Specifications

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

IEC/TS 62600-201 Ed. 2.0 en:2025, Marine energy - Wave, tidal and other water current converters - Part 201: Tidal energy resource assessment and characterization, $496.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Children´s rights management

Comment Due Date: December 10, 2025

IST, the ISO member body for Iceland, has submitted to ISO a proposal for a new field of ISO technical activity on Children´s rights management, with the following scope statement:

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

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on December 10, 2025.

New Secretariats

ISO/TC 20/SC 16 – Uncrewed aircraft system

Comment Deadline: December 19, 2025

ANSI has received a request to delegate the responsibilities of the administration of the ISO/TC 20/SC 16 – *Uncrewed aircraft system* secretariat to the American Institute of Aeronautics and Astronautics (AIAA). The secretariat was previously held by the Aerospace Industries Association (AIA) and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 20/SC 16 operates under the following scope:

Standardization in the field of advanced air mobility and uncrewed aircraft systems (UAS), including but not limited to classification, design, manufacture, operation (including maintenance), and safety management.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team (isot@ansi.org).

Meeting Notices (International)

ANSI Accredited U.S. Technical Advisory Group

American Society of Safety Professionals - U.S. TAG to ISO/TC 283 – Occupational health and safety management

Meeting Date: December 9, 2025 from 2:30 pm to 5:30 pm Central Time

The ANSI Accredited U.S. Technical Advisory Group (U.S. TAG) to ISO/TC 283 – Occupational health and safety management has announced a meeting on December 9, 2025 from, 2:30 pm to 5:30 pm Central Time.

For more information or to participate, please contact the U.S. TAG Administrator, Timothy Fisher (tfisher@assp.org).

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.
When organization names are submitted to ANSI for registration, they will be listed here alphanumerically. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, trade associations, U.S domiciled standards development organizations and conformity assessment bodies, consumers, or U.S. government agencies may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify to the WTO Secretariat in Geneva, Switzerland proposed technical regulations that may significantly affect trade. In turn, the Secretariat circulates the notifications along with the full texts. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final. The USA Enquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Enquiry Point relies on the WTO's ePing SPS&TBT platform to distribute the notified proposed foreign technical regulations (notifications) and their full texts available to U.S. stakeholders. Interested U.S. parties can register with ePing to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. The USA WTO TBT Enquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance prior to submitting comments. For non-notified foreign technical barriers to trade for non-agricultural products, stakeholders are encouraged to reach out as early as possible to the Office of Trade Agreements Negotiations and Compliance (TANC) in the International Trade Administration (ITA) at the Department of Commerce (DOC), which specializes in working with U.S. stakeholders to remove unfair foreign government-imposed trade barriers. The U.S. Department of Agriculture's Foreign Agricultural Service actively represents the interests of U.S. agriculture in the WTO committees on Agriculture, Sanitary and Phytosanitary (SPS) measures and Technical Barriers to Trade (TBT). FAS alerts exporters to expected changes in foreign regulations concerning food and beverage and nutrition labeling requirements, food packaging requirements, and various other agriculture and food related trade matters. Working with other Federal agencies and the private sector, FAS coordinates the development and finalization of comments on measures proposed by foreign governments to influence their development and minimize the impact on U.S. agriculture exports. FAS also contributes to the negotiation and enforcement of free trade agreements and provides information about tracking regulatory changes by WTO Members. The Office of the United States Trade Representative (USTR) WTO & Multilateral Affairs (WAMA) office has responsibility for trade discussions and negotiations, as well as policy coordination, on issues related technical barriers to trade and standards-related activities.

Online Resources:
WTO's ePing SPS&TBT platform: https://epingalert.org/
Register for ePing: https://epingalert.org/en/Account/Registration
WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:
https://www.wto.org/english/tratop_e/sps_e/sps_e.htm
WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm
USA TBT Enquiry Point: https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point
Comment guidance:
https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee
NIST: https://www.nist.gov/
TANC: https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc
Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.
Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.
USDA FAS: https://www.fas.usda.gov/about-fas
FAS contribution to free trade agreements: https://www.fas.usda.gov/topics/trade-policy/trade-agreements
Tracking regulatory changes: https://www.fas.usda.gov/tracking-regulatory-changes-wto-members
USTR WAMA: https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade
Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

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

Public Review Draft

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

First Public Review (November 2025)
(Draft shows Proposed Changes to Current Standard)

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

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

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

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

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

FOREWORD

As of now, unvented combustion devices other than cooking appliances are the only appliances that can produce substantial emissions of contaminants but for which we do not require any ventilation in ASHRAE Standard 62.2. This proposed addendum assures consistent treatment and brings these devices onto an equal footing with cooking appliances.

The flow rates are based on models used by the unvented heater industry (DeWerth et al.) as well as by Francisco et al. Assumptions in the modeling included that the appliance was running at steady-state (heating capacity of the heater matched the heating load of the home), that the aim was to avoid reaching 100 ppb for nitrogen dioxide, that there was 0.35 ACH of ventilation (consistent with 62.2-compliant homes), and that there was an additional effective 0.35 ACH of removal due to the reactivity of nitrogen dioxide of unvented combustion heaters (within the range of values used by DeWerth et al. and Francisco et al.). Heater capacities for different climate zones are from industry sizing guidelines: 1.5 BTUh/ft^3 for climate zone 1, 1.8 BTUh/ft^3 for CZ2 and CZ6, 2.2 BTUh/ft^3 for CZ3, 2.4 BTUh/ft^3 for CZ4, and 2.8 BTUh/ft^3 for CZ5. These climate zones were mapped for approximate matches to the climate zone map found in ASHRAE Standard 62.2, Section 9.

For Exception 2 to Section 5.1, 1600 ppm of carbon dioxide traces back to the Sherman/Fairey/Crawford ASHRAE Journal article (May 2022) and is consistent with the IAQP in ASHRAE Standard 62.2.

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

Addendum a to 62.2-2025

Revise Section 5.1 and Table 5-1 as shown below.

5. LOCAL EXHAUST

5.1 Local Mechanical Exhaust. A local mechanical exhaust system shall be designed and installed in each kitchen, bathroom, ~~and~~ toilet room, and any other room that has an unvented room heater, and shall be one of the following:

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

Exception to (b): Kitchens that are not enclosed kitchens or other rooms with an unvented room heater shall be provided with a demand-controlled local mechanical exhaust system meeting the requirements of Section 5.2.

Exception 1 to 5.1: Alternative ventilation for kitchens and bathrooms: Other design methods that provide the required minimum exhaust airflow rates shall be permitted when approved by a licensed design professional.

Exception 2 to 5.1: Alternative for rooms with an unvented room heater: Unvented room heaters within the dwelling unit boundary shall be permitted when they meet ANSI Standard Z21.11.2 and have a ventilation system capable of maintaining the concentration of carbon dioxide at no more than 1600 ppm during appliance operation.

Table 5-1 Demand Controlled Local Exhaust Airflow Rates

Application	Airflow
Kitchen	• Vented range hood (including appliance-range hood combinations): 100 cfm (50 L/s) • Other kitchen exhaust fans, including downdraft: 300 cfm (150 L/s)
Bathroom or toilet room	50 cfm (25 L/s)
Room with an unvented room heater	300 cfm (150 L/s)

Add new Section 6.4.3 as shown below.

6.4.3 Unvented Room Heaters. Unvented room heaters shall be thermostatically controlled and be listed to the safety standard ANSI Z21.11.2, Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (2002) or later, and shall comply with the appliance input limits and venting requirements of NFPA 54/ANSI Z223.1 (2024), National Fuel Gas Code, or the International Fuel Gas Code (2024).

Add new reference to Section 10 as shown below.

CSA Group (CSA)
178 Rexdale Blvd
Toronto ON M9W 1R3
Canada
(416) 747-4000; www.csagroup.org

CSA/ANSI Z21.11.2-2019 Gas-Fired Room Heaters, Volume II, Unvented Room Heaters Section 5.1, Section 6.4.3

2025 ICC 1150 Permissive to mandatory verbiage revisions in the following sections of the final draft

301.3 Material Mixing and Curing. For qualification or acceptance of the *3D printing material*, the environmental conditions of the mixing room and curing water shall meet ASTM C511. The raw materials listed in the mixture design including the mixing water shall be conditioned to room temperature before mixing. Mixing of *3D printing concretes* shall be performed in accordance with ASTM C192/C192M, while mixing of *3D printing mortars* shall be performed in accordance with ASTM C305. For *pre-packaged 3D printing material*, the requirements of mixing and water content listed on the product technical datasheet (TDS) shall be followed. The *3D printing materials* shall be cured in the laboratory in accordance with ASTM C192/C192M prior to testing in accordance with Section 303.

401.2.2 Structural Testing. Wall systems shall meet the minimum detailing requirements of Section 403 and the connection requirements of Section 405 unless structural testing is performed demonstrating that an alternative method provides equal to or better performance than the minimum requirements outlined in Section 403 and Section 405. As an option, determination of the structural design of *3D-ACT* wall systems shall consist of the alternative testing requirements of Section 406.

401.2.3 Structural Analysis. The effects of slenderness, including both the individual member slenderness and the structure's deflection, shall be considered where a first-order elastic analysis that satisfies equilibrium using the original undeformed geometry of the structure is used.

401.3.2.3 Non-Load Bearing Walls. Non-load structural walls without integral cores shall be designed where lateral support or stability of the wall is demonstrated through rational analysis.

403.4.1 Single-Shell Walls. Integral *cores* shall be connected to the *shell* by means of a cross tie(s) with two legs that encapsulates the core area and vertical reinforcement. *Core* cross-ties shall consist of a minimum wire diameter of W2.8 (3/16 in. [4.8 mm]) and shall be spaced at a distance not to exceed 12 in. (300 mm) on-center. Cross-ties shall not be required where a rational analysis shows that the horizontal shear demands between the core and the shell is not greater than 80 psi (550 kPa).

403.5 Minimum Connections Between Shells. Multi-shell *3D-ACT* wall systems shall contain minimum cross-ties connecting the *shells* in accordance with this section. For *cavity* widths not exceeding 4 in. (100 mm), cross ties shall consist of a minimum wire diameter of W1.7 (0.148 in. [3.76 mm]) spaced not greater than 16 in. (400 mm) on-center in both directions. For *cavity* widths greater than 4 in. (100 mm) but not exceeding 6 in. (150 mm), cross ties shall consist of a minimum diameter of W2.8 (3/16 in. [4.8 mm]) spaced not greater than 16 in. (400 mm) on-center in both directions. As an option, *cavity* widths and cross tie configurations shall be used where verified by a detailed tie analysis or structural testing considering both positive and negative design pressures. Where cross ties are required, the detailing, including hooks and anchorages, shall transfer the design tensile and compressive loads.

Table 403.7

[a] As an option, alternative methods of protecting the reinforcement from weather shall be provided if they satisfy the additional concrete cover requirements of this standard.

403.8 Minimum Core Fill Dimensions. For a *core* fill placement height of not greater than 12 ft. (3.7 m), with a maximum aggregate size of 1/2 in. (12.7 mm), the minimum *core* fill area shall be 9 sq. in. (5800 sq. mm), and the minimum clear dimension shall be 2-1/2 in (64 mm). Where a larger maximum aggregate size is used, minimum clear dimensions shall be in accordance with ACI CODE-318, Section 25.2.1. Splices shall be considered where determining the minimum clear dimensions.

For fill heights exceeding 12 ft. (3.7 m) and fill dimensions less than those specified above, the results of a *core* fill shall demonstrate that the *cores* are filled and consolidated. The procedures used in constructing the *core* fill demonstration shall meet the minimum requirements for *core* filling, and the quality assurance program shall include inspection during construction to verify *core* fill placement.

404.2.3.3 Modulus of Elasticity. The design modulus of elasticity, Es, shall be 29,000,000 psi (200 GPa).

404.2.3.4 Yield Strain. The yield strain, ε_{ty}, shall be equal to f_y/E_s. For Grade 60 deformed reinforcement, it shall be equal to 0.002.

404.3.1.1 Presumptive Values. Where there is no published *effective structural contact width* based on measurements, the following shall be used to determine the *effective structural contact width* based on the nominal *bead* width. If the nominal *bead* width is not given or defined, the designer shall assume and justify a nominal *bead* width.

404.3.1 Effective Structural Contact Width. The *effective structural contact width* shall be a function of the nominal *bead* width. The *effective structural contact width* between multiple *beads* of *3D-ACT* wall systems shall be defined in Figure 404.3.1. The design shall be performed using the presumptive *effective structural contact width* in Section 404.3.1.1 or the measure *effective structural contact width* as defined in Section 404.3.1.2. Where the *print path* includes offsets of one *bead* relative to the one below it for creating textured walls, the *effective structural contact width* shall account for the offset.

404.3.2 Effective Side Face Contact. Where multiple *beads* make up a single *shell*, integral *cores* contact the *shell*, and webbing contacts the *shells* the *effective side face contact* between multiple *beads* of *3D-ACT* wall systems shall be as defined in Figure 404.3.1. Integral *cores* and webbing shall have *effective side face contact*. Refer to Sections 401.3.2.1 and 401.3.2.2. Design shall be based on presumptive values in Section 401.3.2.1 or measured values as defined in Section 404.3.2.2.

404.3.4 Flexural Moment of Inertia. Deflection calculations for unreinforced elements shall be based on uncracked, gross section properties. Deflection calculations for reinforced elements shall be based on cracked section properties. Where multiple materials of differing stiffnesses make up the cross section, the lower stiffness material shall be assumed to make up the entire section. As an option, transformed section properties shall be used. The flexural stiffness properties assumed for deflection calculations shall not exceed one-half of the gross section properties, unless a cracked-section analysis is performed.

404.4.1 Effective Flange Width. For analysis of integral *cores*, the effective width of the *shell(s)* shall be considered in the calculation of the flexural capacity of the *core*. The effective *shell* width of the section shall be in accordance with Table 404.4.1. Effective *shell* width shall be no larger than the core spacing.

404.4.2.1 Span. *Shells* shall be simply supported between vertical elements for out-of-plane flexural loads. No multi-span analysis of the shells shall occur.

404.5.4 Combined Moment and Axial Loads. *3D-ACT* wall systems shall be designed for combined moment and axial loads. Load-bearing walls shall be designed for the maximum strength-level moment, which accompanies the strength-level axial load for each applicable load combination. Where the strength-level axial load is less than $0.10f'_cA_g$ and located within $h_{eff}/6$ of cross-section's centroid, the axial loads shall be neglected and the section shall be designed for moment only.

Where the combined effects of moment and axial loads shall be considered, the nominal capacity of the wall shall be determined following the assumptions given in ACI CODE-318, Section 22.2 to create an axial-moment interaction diagram. The axial-moment interaction diagram shall not exceed the axial capacity determined in accordance with Section 404.5.3.

406.1 General. The design and detailing of structural elements of *3D-ACT* wall systems, including their connections to other structural elements, shall be in accordance with the engineering design in Sections 403, 404, and, where applicable, 405. As an option, determination of the structural design of *3D-ACT* wall systems shall be in accordance with the alternative testing requirements of this section. This shall include one or a combination of, the complete structural testing described in Section 406.3, anchor testing described in Section 406.4 or select supplemental testing

and engineering design described in Section 406.5. Where deviations to the engineering design are used, testing shall show that the alternative method provides equal or better performance than the minimum requirements outlined in Section 403, Section 404, and Section 405.

406.3.2.5 Static In-Plane Shear Tests. A minimum of three replicate specimens with the minimum total wall thickness shall be tested. If multiple wall thicknesses are being evaluated, an additional three replicate specimens of the maximum total wall thickness to be considered shall be tested.

Shear tests shall be performed based on the racking load procedure described in Section 14 of ASTM E72. For these tests, the loading procedure shall be modified to apply the lateral racking through a continuous, reinforced concrete or steel member. The attachment to the specimen shall be designed so that applied loads are uniformly distributed along the specimen length. The specimen shall be mounted on a base in accordance with generally accepted methods used in the field that prevents concentrated reactions. In this regard, the specimen shall be attached to the base to prevent concentrated reactions.. Where the vertical load does not resist the overturning moment, anchorage shall be incorporatedused. The procedures and details of testing on the product or system shall be documented in the Engineered Design Guidelines Report. Calculations and reporting shall be in accordance with Section 14.5 of ASTM E72.

As an option for 3D-ACT wall systems consisting of two outer face shells and fully filled to form a solid wall, diagonal tension (shear) tests shall be performed in accordance with the diagonal shear test procedure as defined in ASTM E519. The ultimate shear stress, ultimate shear strain, and modulus of rigidity for each specimen shall be reported in accordance with ASTM E519.

406.3.3.1 Analysis of Test Results. Where analyzing and interpreting the full-scale structural testing, the average maximum strength from each set of replicate tests shall be the average ultimate value, provided the ultimate value for each test is within 15 percent of the average. Otherwise, the lowest ultimate value of the replicate tests shall be used.

406.3.3.2.1 Design Methodologies. Alternatives to the *Engineered Design Guidelines* report shall include relating the load-resistance rating to design code equations, models, and techniques from ACI CODE-318, TMS 402/602, or other applicable codes. Existing code equations and models shall be modified by appropriate strength reduction factors to verify or modify the existing design equations used to determine characteristic strengths of the *3D-ACT* wall system. The design strength of the *3D-ACT* wall system defined in the *Engineered Design Guidelines Report* shall be not greater than that determined using the strength reduction factors in ACI CODE-318.

406.4 Fastener and Anchor Testing. The capacity of anchors in *3D printing materials* are code alternatives and shall be determined in accordance with ICC ES AC01, AC58, AC60, AC70, AC106, AC193, AC308, AC398, AC510 and AC545, as applicable. A Summary Test Report shall be generated that includes a summary of the anchor testing performed, including the specimen geometry and details, specimen fabrication, testing equipment and protocol. Deviations or adjustments to the standard test method(s) shall be noted. The Summary Test Report shall be available to the administrative authority adopting this standard.

406.5 Additional Supplemental Testing. Where the assessment of specific engineering properties or behaviors is applicable, supplemental testing shall consist of material testing, small-scale structural testing, or full-scale structural testing. Where possible, testing shall follow appropriate ASTM test methods, with the results and any modifications included in the test report. A Summary Test Report shall be generated and shall include a summary of the testing performed, including the specimen geometry and details, specimen fabrication, testing equipment and protocol. Deviations or adjustments to the standard test method(s) shall be noted. Where the testing is to validate an alternative to the requirements of Sections 403, 404, and 405, the test report shall demonstrate that the alternative provides equal to or better performance than the minimum requirements outlined in Sections 403, 404, and 405. The Summary Test Report shall be available to the administrative authority adopting this standard. As an option other supplemental testing shall be provided to accompany the testing described in Section 406.3 or to validate alternatives to the engineering design described in Section 403, Section 404, and Section 405.

501.4 Printing Process. *3D printing material* batching, mixing, and printing shall be in accordance with the material supplier and producer's operating procedures with the following requirements. The time between *layer* extrusions shall be the typical interlayer print time except for:

1. The delay between print *layers* 8 and 9, and 10 and 11 shall be the maximum interlayer print time that will be used during construction without application of bonding agent or special surface preparation between printing *layers*. During prequalification, there shall not be application of a bonding agent or special surface preparation between printing *layers* 8 and 9, and 10 and 11.
2. A print stop of no less than 8 hours shall be incorporated between *layers* 9 and 10. The producer's print stop interlayer protocol shall be followed prior to resuming printing. The print stop protocol shall consist of the application of a bonding agent or other applicable surface preparation techniques where used in the construction. The protocol shall be documented as part of the submittal and incorporated into the construction documents.

3D printing material produced at the plant of a ready-mixed concrete supplier shall conform to the requirements of ASTM C94/C94M. *3D printing material* produced using volumetric batching shall conform to the requirements of ASTM C685/C685M. Material batching, mixing, delivery, and printing for the prequalification elements shall be consistent with temperature and relative humidity conditions anticipated during construction.

The methods used for curing and protection shall be identical to those used for the specific construction project. Where specific protection and curing methods are implemented, they shall be documented as part of the submittal and incorporated into the construction documents.

501.6.2.1 Workability. The workability of the freshly mixed *3D printing material* shall be determined in accordance with ASTM C1437 for *3D printing mortar* and in accordance with ASTM C143/C143M for *3D printing concrete*. Where ASTM C1437 is used, a steel mounting plate with a minimum thickness of 3/4 in. (19 mm) and a minimum weight of 35 lb. (16 kg) shall be used.

501.6.3.3 Interlayer Tensile Bond Strength. No fewer than 24 specimens, 12 for each prequalification element, shall be tested in accordance with ASTM C1583 as modified herein.

Test specimens shall be sawn from the double-*bead* portions of the prequalification elements and shall contain no fewer than six *layers*, with the 8 hour print stop at the top 1/3 height of the specimens. Specimens shall be not less than 16 in. (400 mm)] in length. Where *core* drilling vertically for ASTM C1583 pull-off testing, the testing specimens shall be secured. Coring shall penetrate no fewer than three interfaces, including the 8 hour stop *layer*.

Pull-off testing shall use test discs with a diameter not greater than 90 percent of the single-*bead effective structural contact width*. The *core* barrel's inner diameter shall be identical to the diameter of the test disc. The distance from the center of a tensile bond test to a free edge shall be less than 2 in. (50 mm). Tests shall be reported as individual results. The failure load, test diameter, and failure type shall be reported. Tests including the overnight print stop shall be designated.

501.6.3.4 Additional Testing. Additional tests and test methods shall be performed at the discretion of the material supplier, producer, or both but are not required for field prequalification.

502.2.2 Bead Geometry, Wall Geometry, and Reinforcement. Concurrent to the special inspection of the *3D printing materials*, the following shall be periodically verified for accordance to the contract documents:

1) *Bead* geometry. Verification shall include confirming the *bead* height and width conforms with the contract documents. Locations of tears and under-extrusion shall be documented and reported.
2) Wall dimensions. Verification of overall wall dimensions shall include confirming the nominal thickness conforms with the contract documents. *Bead* misalignment, wall out-of-plumbness, or both shall be documented and reported.

3) Horizontal reinforcement. Where horizontal reinforcement is being placed while periodic inspections of the *3D printing materials* are occurring, verification of horizontal reinforcement shall include confirming size, grade, and placement.
4) Cross ties. Where cross ties are being placed while periodic inspections of the *3D printing materials* are occurring, verification of cross ties shall include confirming size, grade, and placement.
5) Vertical reinforcement. Where vertical reinforcement is verified and inspected prior to embedment and concealment in the *core* filling material, special inspection of the reinforcement shall occur no less than once during or prior to a structure's *core* filling operations.

Where any welding of reinforcing bars is performed as part of the 3D-printed construction, the welding shall have continuous special inspection in accordance with the adopted building code.

502.4.2 Workability. The workability of the *3D printing material* shall be determined in accordance with ASTM C1437 for flow of *3D printing mortar* or in accordance with ASTM C143/C143M for slump of *3D printing concrete*. Where ASTM C1437 is used a steel mounting plate with a minimum thickness of ¾ in. [19 mm] and a minimum weight of 35 lbf (16 kg) shall be used.

Tracking number 2i49r1
© 2025 NSF International

Revision to NSF/ANSI 2-2022
Issue 49 Revision 1 (November 2025)

[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 International Standard / American National Standard –

Food Equipment

5 Design and construction

This section contains design and construction requirements for equipment covered within the scope of this standard.

-

5.5.5 There shall be no exposed threads, projecting screws, or studs in a food or splash zone. There shall be no more than 2.5 exposed threads or 1/4 in (0.25 in, 6.4 mm) of exposed threads, whichever is less, in a nonfood zone. There shall be no more than 6 exposed threads on motor mounts or compressor mounts in a nonfood zone. Exposed threads on electrical cord strain relief devices in nonfood zone shall be exempt.

***Rationale**: The language proposed allows for greater connective support of equipment without compromising cleanability and sanitization.*

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

NSF/ANSI Standard
for Wastewater Technology –

Residential Wastewater Treatment Systems

•
•
•

9.4.2.1 Structural integrity test

Connections to the pump basin shall be sealed, and a vacuum shall be applied to the basin for a period of 60 min. The applied vacuum pressure shall be equivalent to 150% of the pressure that the basin experiences if submerged vertically (normal upright position) in water to the basin's designed burial depth.

9.4.2.2 Basin leakage test

Immediately following the structural integrity test (see Section 9.4.2.1), the pump basin shall be assembled with discharge piping, electrical connections, and cover in accordance with the manufacturer's instructions. The connections to the pump basin shall be sealed, and the pump basin shall be filled with water to a point that is:

- Basins with an external vent: 30.5 cm (1 ft) above the pump basin's designed burial depth.
- Basins with a vented cover: fill to the pump basin's designed burial depth.

The water shall be held in the basin for 24 h.

Pumps designed for installation within a building shall be subjected to a 61 cm (2 ft) head of water above the top of the basin.

9.5 Performance criteria

•
•
•

Rationale: The issue paper on basin depth was sent to the TG on Grinder Pumps at the 2025 WWT JC meeting. The Task Group has proposed this revised language.

[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. Revision 2 changes are indicated by yellow highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard for Nutrition and Wellness –

Good Manufacturing Practices for Cosmetics

•
•
•

3 Definitions

•
•
•

adequate substantiation of safety: tests or studies, research, analyses, or other evidence or information that is considered, among experts qualified by scientific training and experience to evaluate the safety of cosmetic products and their ingredients, sufficient to support a reasonable certainty that a cosmetic product is safe. [21 USC 364d(c)(1)]

•
•

safe: The finished product, including any ingredient, is not injurious to consumers under the conditions prescribed in the labeling or under normal and customary use. A cosmetic ingredient or cosmetic product is not considered "unsafe" to consumers solely because it can cause minor and transient reactions or minor and transient skin irritations in some users. 21 USC 364d(c)(2).

safety assessment data: Information to support the product's safety for intended applications. This support includes but is not limited to relevant chemical data, toxicological review, microbiological studies and exposure assessments.

•
•
•

BSR/UL 110, Standard for Sustainability for Mobile Phones

1. Addition of One-Year Grace Period for Manufacturers to Provide Materials and Components Information in paragraph 11.8.1

PROPOSAL

11.8.1 Required – Notification regarding and the identification of materials and components requiring selective treatment

11.8.1.1 Within one year of claiming this criterion, ~~T~~the manufacturer shall provide or make such information available to reuse and recycling facilities to identify the presence and location of materials and components requiring selective treatment, as are listed in Annex VII in the European Union WEEE Directive 2012/19/EU.

2. Implementation of Inclusive Language for UL 110: replacement of "virgin"; and miscellaneous editorial changes

PROPOSAL

5.6 CONSUMER – Individual or ~~and~~ institutional purchaser of the product.

5.7 DISPLAY ASSEMBLY – A collection of assembled electronic components that displays data utilizing liquid crystal, LED, or other display technologies, as they are assembled into the product and ~~(i.e.~~ may include a housing or casing~~)~~.

5.9 EUTROPHICATION – The process whereby a body of water receives excess nutrients that stimulate excess plant and algae growth, usually resulting in the depletion of dissolved oxygen.

12.6 Environmentally preferable ~~virgin~~ fiber-based packaging and printed content

12.6.1 Optional – Environmentally preferable ~~virgin~~ fiber-based materials in POS packaging

12.6.1.1 The total ~~virgin~~ fiber-based materials in the POS packaging shall contain any combination of the following environmentally preferable fiber ~~percentage~~ content~~, as~~ at the percentage defined in Table 12.3.

a) From a source certified by the Forest Stewardship Council (FSC) Program for the Endorsement of Forest Certification Schemes (PEFC), or that is certified to a national forest certification system that has been endorsed by PEFC (e.g. Sustainable Forestry Initiative (SFI) program, CSA Sustainable Forest Management Program, and CERFLOR Forest Certification Program). The manufacturer shall provide documentation to demonstrate that the chosen certification includes both chain-of-custody certification and chain-of-custody documentation for the material~~.~~; or

b) Produced from non-wood fiber-based material including but not limited to bagasse, bamboo, hemp, kenaf, mushroom, and straw.

NOTE: A specified weight of packaging material may be claimed as either sustainably forested or biobased material, not both. For this criterion, the percent of ~~virgin~~ environmentally preferable fiber material is for the total of the fiber packaging that is not required to contain recycled content per criterion 12.5.1. Additives or fillers are not considered recycled fiber, except in the case where the additive or filler is derived from a recycled feedstock.

Point value: maximum 2

Table 12.3
Environmentally Preferable ~~Virgin~~ Fiber-Based Packaging:

Sustainably Sourced and Non-Wood Fiber-based Material

Requirement	Range	Points awarded – POS packaging
Weight % of total ~~virgin~~ fiber-based materials of FSC, SFI, or PEFC ~~virgin~~ fiber and/or content produced from non-wood fiber-based material.	> 75 %	2

Table 12.4
Environmentally Preferable Fib~~reer~~-Based Printed Materials

Requirement	Range	Points awarded – Printed content
Weight % of total combined post-consumer recycled content, and/or FSC, FSC Controlled Wood, SFI, or PEFC ~~virgin~~ fiber-based material, and/or content produced from a non-wood fiber-based material.	> 60 %	1

12.7.1.1 Elemental chlorine shall not have been used ~~as a bleaching agent~~ to bleach ~~virgin or recovered~~ any fiber content in any fiber-based packaging. Inks are exempt. The manufacturer shall provide supplier letter(s) declaring elemental chlorine was not used in the processing of this packaging.

15.4.1.1 The manufacturer shall demonstrate that their supplier operations associated with at least 75% of spend (annual or fiscal) for flat panel displays used in products under this standard shall reduce, recover or destroy on an annual basis at least 90% of the fluorinated greenhouse gases used in manufacturing and ancillary operations, such as chamber cleaning, related to the manufacture of flat panel displays (e.g., TFT-LCDs). The reduction, recovery, or destruction may be achieved via any combination of alternatives, including process optimization, installation of abatement technology, gas recycling, utilization of a lower emissions gas (as compared with NF_3), or any other methods. Chemicals covered are fluorinated gas emissions (F-GHGs), ~~PFCs (~~including CF_4, C_2F_6, C_3F_8, C-C_4F_8, C_4F_8O~~,), HFCs (including~~ CHF_3~~)~~, Nitrogen Trifluoride (NF_3), and Sulfur Hexafluoride (SF_6). It is acceptable for this reduction to be demonstrated for any combination of the relevant portion of the fab [~~(~~e.g., specific line(s)] the entire fab, or for all fabs that produce flat panel displays for the covered product or the covered product type.

ANNEX A (Optional) – ACHIEVEMENT MATRIX

Mobile Phone Sustainability Achievement Matrix

*(**NOTE FROM PROJECT MANAGER**: The following table only includes entries being revised – it is not shown in its entirety.)*

Required criteria	Section / Paragraph reference	Title of section / Requirement description	Points (Max)
PACKAGING			
Section 12, Packaging			
	12.1.1	Use of Recyclable Fiber Based Packaging Materials	4
Required	12.2.1	Separability and Labeling of Plastics in Packaging	
	12.3.1	Use of Post-Consumer Recycled Plastic Packaging	1
Required	12.4.1	Expanded Polystyrene Packaging (EPS) Restriction	
Required	12.5.1	Recycled Content in Fiber-Based Packaging	
	12.6.1	Environmentally Preferable ~~Virgin~~ Fiber-Based POS Packaging	2

	12.6.2	Environmentally Preferable Fiber-Based Printed Materials	1
Required	12.7.1	Restriction of Chlorine in Packaging Materials	
Required	12.8.1	Heavy Metal Restrictions in Packaging	
	12.9.1	Improve Packaging Efficiency	2
		Total	10
		PACKAGING Total	10

BSR/UL 296, Standard for Safety for Oil Burners

1. Non-metallic fuel containing materials clarification

PROPOSAL

SA2 Construction – Mechanical, General

Add the following after UL 296, clause 6.6:

SA6.7 Parts shall not deteriorate and shall not fail to perform their intended function, as identified by requirements and tests in this standard, when in contact with the pumped liquid.

SA6.8 Metallic Materials

SA6.8.1 Metallic parts in contact with the fuels specified in 1.3 shall be constructed from materials containing not more than 10% lead, and not more than 40% zinc by weight and shall not have a coating or exposed plating containing such lead or zinc, and the use of threads or fasteners shall not expose metallic parts or plating containing such lead or zinc.

Exception No. 1: Coating and plating containing lead or zinc are permitted, provided that the base metal complies with the requirements of this standard.

Exception No. 2: For parts subject to wear and friction, the use of materials containing not more than 25% lead is permitted.

Exception No. 3: A component made from lead or zinc with any coating or plating applied that does not contain lead or zinc that prevents direct contact of the underlying component with the fuel and is successfully evaluated using a long-term exposure test in the component Standard is acceptable.

SA6.9 Non-Metallic Materials

SA6.9.5 Non-metallic materials used as fuel containing components shall be evaluated in accordance with 6.9.5.1 – 6.9.5.3.

SA6.9.5.1 Components shall be installed in a representative burner assembly as intended for normal operation. During the duration of this test, the biodiesel test fuel as described in Supplement SB shall be flowing continuously through the equipment under test.

Exception: The test fuel is allowed to be an ASTM grade biodiesel in lieu of the biodiesel test fuel as described in Supplement SB for the intended fuel rating of the burner assembly.

NOTE 1: The burner is allowed to be fired during the test but not required to conduct the test.

NOTE 2: This test may be a continuation of the Combustion Tests, Section 51.

SA6.9.5.2 Total exposure time to the flow of the test fuel shall be 1000 hours when using the applicable test fluids as described in Supplement SB. Total exposure time to the flow of the test fuel shall be 1200 hours when using the applicable ASTM grade of biodiesel per Exception of 6.9.5.1.

NOTE: The total exposure time is not required to be continuous. The test is allowed to be conducted in sessions to achieve the total exposure time.

SA6.9.5.3 At the conclusion of the test all parts shall be disassembled, and the non-metallic fuel containment material surfaces shall be examined and reviewed to validate there is no deterioration that would be deemed to impact the function of any fuel containing part.

BSR/UL 746A, Standard for Safety for Polymeric Materials – Short Term Property Evaluations

1. Inclusion of a Reference to Dynamic Mechanical Analysis, Section 47A of UL 746A in the Exception to Paragraph 9.5.1; Editorial Revision of Paragraph 9.5.1

PROPOSAL

9.5 Testing conditions

9.5.1 Unless otherwise specified in an ASTM or ISO material specification or in an individual test method, the standard atmospheric conditions surrounding the specimen for a minimum of 88 hours prior to and during the test shall be 23 ±2 °C (73.4 ±3.6 °F) and 50 ±10 percent relative humidity (Class 2 in accordance with Plastics – Standard atmospheres for conditioning and testing, ISO 291).

Exception: The Infrared Spectroscopy in Section 43, Pyrolytic Gas Chromatography in Section 45, Thermogravimetry in Section 46, ~~and~~ Differential Scanning Calorimetry in Section 47 and Dynamic Mechanical Analysis in Section 47A do not require the default ambient indicated above.

2. Addition of an Alternate Test Method to the Test Method Specified in Paragraph 21A.1

PROPOSAL

21A DC (Direct Current) Dielectric Breakdown Voltage and Strength

21A.1 The test method for the determination of the dielectric breakdown and strength of insulating materials subjected to a DC (direct current) voltage is described in either:

a) The Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials under Direct Voltage Stress, ASTM D3755 or

b) Electric strength of insulating materials – Test methods – Part 2: Additional requirements for tests using direct voltage, IEC 60243-2.

3. Addition of Requirements for Glow-Wire Flammability Index from IEC 60695-2-12 as New Section 35A

PROPOSAL

35A Glow-Wire Flammability Index Test (GWFI)

35A.1 General

35A.1.1 The test method for the determination of flammability of a solid electrical insulating material under the influence of an electrically heated wire is described in Fire hazard testing – Part 2-12: Glowing/hot-wire based test methods – Glow-wire flammability index (GWFI) test method for materials, IEC 60695-2-12.

35A.1.2 The Glow-Wire Flammability Index (GWFI) is to be assigned as the highest temperature at which the tested material:

a) Does not ignite; or

b) If it does ignite, it extinguishes within 30 seconds after removal of the glow-wire; and

c) The specimen is not totally consumed; and

d) If there are molten drips, they do not ignite the wrapping tissue placed beneath the specimen.

NOTE: In this test method, the data can be obtained along with the data from the glow-wire ignition temperature (GWIT) test method for materials, which is described in Glow-Wire Ignition Temperature Test (GWIT), Section 35.

35A.2 Significance

35A.2.1 Either during normal operation, under unusual conditions, or as a result of malfunctions, some components of an electrical apparatus, such as wires or other conductors, may become abnormally hot. When these overheated parts are in intimate contact with the insulating material, ignition may occur resulting in flaming combustion of the insulating material. This test is intended to determine the relative flaming behavior of insulating materials under these conditions.

2026 Standards Action Publishing | Volume No. 57

*The "Submit End" deadline applies to forms received by Monday, 5:00 PM ET

Based on the dates below, an ANSI-Developer can anticipate that a request made between the SUBMIT START date and the *SUBMIT END 5 PM date will appear in ANSI Standards Action on the SA PUBLISHED date.
The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
01	12/16/2025	12/22/2025	Jan 2	2/1/2026	2/16/2026	3/3/2026
02	12/23/2025	12/29/2025	Jan 9	2/8/2026	2/23/2026	3/10/2026
03	12/30/2025	1/5/2026	Jan 16	2/15/2026	3/2/2026	3/17/2026
04	1/6/2026	1/12/2026	Jan 23	2/22/2026	3/9/2026	3/24/2026
05	1/13/2026	1/19/2026	Jan 30	3/1/2026	3/16/2026	3/31/2026
06	1/20/2026	1/26/2026	Feb 6	3/8/2026	3/23/2026	4/7/2026
07	1/27/2026	2/2/2026	Feb 13	3/15/2026	3/30/2026	4/14/2026
08	2/3/2026	2/9/2026	Feb 20	3/22/2026	4/6/2026	4/21/2026
09	2/10/2026	2/16/2026	Feb 27	3/29/2026	4/13/2026	4/28/2026
10	2/17/2026	2/23/2026	Mar 6	4/5/2026	4/20/2026	5/5/2026
11	2/24/2026	3/2/2026	Mar 13	4/12/2026	4/27/2026	5/12/2026
12	3/3/2026	3/9/2026	Mar 20	4/19/2026	5/4/2026	5/19/2026
13	3/10/2026	3/16/2026	Mar 27	4/26/2026	5/11/2026	5/26/2026
14	3/17/2026	3/23/2026	Apr 3	5/3/2026	5/18/2026	6/2/2026
15	3/24/2026	3/30/2026	Apr 10	5/10/2026	5/25/2026	6/9/2026
16	3/31/2026	4/6/2026	Apr 17	5/17/2026	6/1/2026	6/16/2026
17	4/7/2026	4/13/2026	Apr 24	5/24/2026	6/8/2026	6/23/2026
18	4/14/2026	4/20/2026	May 1	5/31/2026	6/15/2026	6/30/2026
19	4/21/2026	4/27/2026	May 8	6/7/2026	6/22/2026	7/7/2026
20	4/28/2026	5/4/2026	May 15	6/14/2026	6/29/2026	7/14/2026
21	5/5/2026	5/11/2026	May 22	6/21/2026	7/6/2026	7/21/2026
22	5/12/2026	5/18/2026	May 29	6/28/2026	7/13/2026	7/28/2026
23	5/19/2026	5/25/2026	Jun 5	7/5/2026	7/20/2026	8/4/2026
24	5/26/2026	6/1/2026	Jun 12	7/12/2026	7/27/2026	8/11/2026
25	6/2/2026	6/8/2026	Jun 19	7/19/2026	8/3/2026	8/18/2026
26	6/9/2026	6/15/2026	Jun 26	7/26/2026	8/10/2026	8/25/2026
27	6/16/2026	6/22/2026	Jul 3	8/2/2026	8/17/2026	9/1/2026
28	6/23/2026	6/29/2026	Jul 10	8/9/2026	8/24/2026	9/8/2026
29	6/30/2026	7/6/2026	Jul 17	8/16/2026	8/31/2026	9/15/2026

2026 Standards Action Publishing | Volume No. 57

*The "Submit End" deadline applies to forms received by Monday, 5:00 PM ET

Based on the dates below, an ANSI-Developer can anticipate that a request made between the SUBMIT START date and the *SUBMIT END 5 PM date will appear in ANSI Standards Action on the SA PUBLISHED date.
The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
30	7/7/2026	7/13/2026	Jul 24	8/23/2026	9/7/2026	9/22/2026
31	7/14/2026	7/20/2026	Jul 31	8/30/2026	9/14/2026	9/29/2026
32	7/21/2026	7/27/2026	Aug 7	9/6/2026	9/21/2026	10/6/2026
33	7/28/2026	8/3/2026	Aug 14	9/13/2026	9/28/2026	10/13/2026
34	8/4/2026	8/10/2026	Aug 21	9/20/2026	10/5/2026	10/20/2026
35	8/11/2026	8/17/2026	Aug 28	9/27/2026	10/12/2026	10/27/2026
36	8/18/2026	8/24/2026	Sep 4	10/4/2026	10/19/2026	11/3/2026
37	8/25/2026	8/31/2026	Sep 11	10/11/2026	10/26/2026	11/10/2026
38	9/1/2026	9/7/2026	Sep 18	10/18/2026	11/2/2026	11/17/2026
39	9/8/2026	9/14/2026	Sep 25	10/25/2026	11/9/2026	11/24/2026
40	9/15/2026	9/21/2026	Oct 2	11/1/2026	11/16/2026	12/1/2026
41	9/22/2026	9/28/2026	Oct 9	11/8/2026	11/23/2026	12/8/2026
42	9/29/2026	10/5/2026	Oct 16	11/15/2026	11/30/2026	12/15/2026
43	10/6/2026	10/12/2026	Oct 23	11/22/2026	12/7/2026	12/22/2026
44	10/13/2026	10/19/2026	Oct 30	11/29/2026	12/14/2026	12/29/2026
45	10/20/2026	10/26/2026	Nov 6	12/6/2026	12/21/2026	1/5/2027
46	10/27/2026	11/2/2026	Nov 13	12/13/2026	12/28/2026	1/12/2027
47	11/3/2026	11/9/2026	Nov 20	12/20/2026	1/4/2027	1/19/2027
48	11/10/2026	11/16/2026	Nov 27	12/27/2026	1/11/2027	1/26/2027
49	11/17/2026	11/23/2026	Dec 4	1/3/2027	1/18/2027	2/2/2027
50	11/24/2026	11/30/2026	Dec 11	1/10/2027	1/25/2027	2/9/2027
51	12/1/2026	12/7/2026	Dec 18	1/17/2027	2/1/2027	2/16/2027
52	12/8/2026	12/14/2026	Dec 25	1/24/2027	2/8/2027	2/23/2027