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CONTENTS

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Project Initiation Notification System (PINS)

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Revision

BSR X9.99-202x, Privacy Impact Assessment (revision of ANSI X9.99-2009 (R2020))
Stakeholders: All participants in financial services, including financial institutions, merchants, manufacturers, and service providers.

Project Need: This work will address privacy areas not addressed by ANSI standards for use within the USA and provide references to other ANSI standards (e.g. X9.141) for privacy.

Interest Categories: Consumer, General Interest, Producer

This International Standard recognizes that a privacy impact assessment (PIA) is an important financial services and banking management tool to be used within an organization, or by contracted third parties, to identify and mitigate privacy issues and risks associated with processing consumer data using automated, networked information systems. This International Standard describes the privacy impact assessment activity in general, defines the common and required components of a privacy impact assessment, regardless of business systems affecting financial institutions, and provides informative guidance to educate the reader on privacy impact assessments.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Revision

BSR X9.117-202x, Secure Remote Access Mutual Authentication (revision of ANSI X9.117-2020)
Stakeholders: All participants in financial services, including financial institutions, merchants, manufacturers, and service providers.

Project Need: The purpose of this standard is to create an authentication framework that can be adopted by both financial institutions and their customers that allows them to achieve a higher level of confidence they are communicating and transacting with the appropriate party. The overall intent of this standard and the framework is to enable a reduction of risk and exposure of both the financial institutions and their customers.

Interest Categories: Consumer, Producer, General Interest

The financial services industry relies on several time-honored methods of electronically identifying, authorizing, and authenticating entities and protecting financial transactions. These methods include, but are not limited to: Personal Identification Numbers (PINs) and Message Authentication Codes (MACs) for retail and wholesale financial transactions, user IDs and passwords for network and computer access, and key management for network connectivity.

AWS (American Welding Society)

Stephen Borrero <sborrero@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Revision

BSR/AWS A3.0M/A3.0-202x, Standard Welding Terms and Definitions Including Terms for Additive Manufacturing, Adhesive Bonding, Brazing, Soldering, Thermal Cutting, Thermal Spraying, and Nondestructive Examination (revision of ANSI/AWS A3.0M/A3.0-2025)
Stakeholders: Engineers, students, welders, program managers, government agencies, civil engineers, automotive industry, aerospace industry, marine and shipbuilding industry, plastics industry, structural industry, higher education instructors

Project Need: Establishing standard terms and definitions to aid in the communication of welding information is paramount for professionals in the welding industry.

Interest Categories: Producers, Users, Educators, General Interest

This standard is a glossary of the technical terms used in the welding industry. Its purpose is to establish standard terms to aid in the communication of information related to welding and allied processes. Since it is intended to be a comprehensive compilation of welding terminology, nonstandard terms used in the welding industry are also included. All terms are designated as either standard or nonstandard and are arranged in word-by-word alphabetical sequence.

AWS (American Welding Society)

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

Revision

BSR/AWS B5.1-202x, Specification for the Qualification of Welding Inspectors (revision of ANSI/AWS B5.1-2025)
Stakeholders: Welding inspectors, metal fabricators, end users, erectors, educators, engineers, structural steel industry

Project Need: To establish minimum qualification requirements for welding inspectors, and a method to test or examine candidates.

Interest Categories: Producer, User, General Interest, Educator

This standard defines the qualification requirements to qualify welding inspectors. The qualification requirements for visual welding inspectors include experience and satisfactory completion of an examination, which includes demonstrated capabilities, and proof of visual acuity. The examination tests the inspector's knowledge of welding processes, welding procedures, nondestructive examinations, destructive tests, terms, definitions, symbols, reports, welding metallurgy, related mathematics, safety, quality assurance, and responsibilities.

AWS (American Welding Society)

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

Revision

BSR/AWS B5.16-202x, Specification for the Qualification of Welding Engineering Personnel (revision of ANSI/AWS B5.16-2025)
Stakeholders: Welding engineers, those employing welding engineers, universities or colleges that provide welding engineering degrees, those working with or contracting welding engineers, welding industry, structural steel, marine, aerospace, etc.

Project Need: Need to revise and update current revision to incorporate new data from surveys on core competency of welding engineers.

Interest Categories: General Interest, Producer, User, Educator

This specification establishes the requirements for qualification of Welding Engineering Technologists and Welding Engineers employed in the welding industry. The minimum experience, examination, application, qualification, and requalification requirements and methods are defined herein. This specification is a method for engineering personnel to establish a record of their qualification and abilities in welding industry work such as development of procedures, processes controls, quality standards, problem solving, etc.

BHMA (Builders Hardware Manufacturers Association)

Tony Gambrall <agambrall@kellencompany.com> | 529 14th Street NW, Suite 1280 | Washington, DC 20045 www.buildershardware.com

Revision

BSR/BHMA A156.15-202x, STANDARD FOR RELEASE DEVICES – CLOSER HOLDER, ELECTROMAGNETIC AND ELECTROMECHANICAL (revision of ANSI/BHMA A156.15-2021)
Stakeholders: Consumers, door and hardware manufacturers, building and construction

Project Need: Update per five-year revision cycle

Interest Categories: User, Government, General Interest, Testing Laboratory, Producer

This Standard establishes requirements for door closers combined with hold-open devices or free-swinging door closers combined with releasing devices and includes performance tests covering operational, cyclical and finish criteria.

BHMA (Builders Hardware Manufacturers Association)

Karen Bishop <kbishop@kellencompany.com> | 529 14th Street, NW, Suite 1280 | Washington, DC 20045 www.buildershardware.com

Revision

BSR/BHMA A156.20-202x, Standard For Strap And Tee Hinges, And Hasps (revision of ANSI/BHMA A156.20-2021)
Stakeholders: Consumers, Door and Hardware Manufacturers, Building and Construction

Project Need: Adding additional product functions/ types and test methods and other information.

Interest Categories: User, Government, General Interest, Testing Laboratory, Producer

This Standard establishes requirements for Strap Hinges, Tee Hinges, and Hasps, and includes performance tests covering operational and strength criteria.

BHMA (Builders Hardware Manufacturers Association)

Karen Bishop <kbishop@kellencompany.com> | 529 14th Street, NW, Suite 1280 | Washington, DC 20045 www.buildershardware.com

Revision

BSR/BHMA A156.22-202x, Standard For Gasketing (revision of ANSI/BHMA A156.22-2021)
Stakeholders: Consumers, Door and Hardware Manufacturers, Building and Construction

Project Need: Adding additional product functions/ types and test methods and other information.

Interest Categories: User, Government, General Interest, Testing Laboratory, Producer

This Standard establishes requirements for the performance and installation of gasketing systems including intumescents applied to, or mortised to, doors, frames or both. Included are performance tests intended to evaluate resistance to smoke and air infiltration, energy performance, and the life and durability of gasketing materials.

IEEE (Institute of Electrical and Electronics Engineers)

Teresa Belmont <t.belmont@ieee.org> | 445 Hoes Lane, 3rd Floor | Piscataway, NJ 08854 www.ieee.org

New Standard

BSR/IEEE 3542-202x, Standard for Efficiency Classification of 15kW-500kW Fully Integrated Motor Drives when Fed from Three Phase Supplies Up to 500VAC (new standard)
Stakeholders: industrial, process control, environmental

Project Need: At present it is difficult to determine a drive system efficiency from either motor or inverter efficiency metrics since the whole system efficiency depends to a large extent on the interaction between the inverter and the motor. Most efficiency metrics are only determined at rated power or a small subset of this while the majority of Variable speed drives (and hence IMD) applications are operated at reduced speed and power for the majority of the operation time. This standard will give the user a clearer idea as to the total system efficiency when using the apparatus at a different speed and torque than the rated and enable them to compare products and more accurately determine predicted system energy savings benefits

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: https://ieee.app.box.com/v/Interest-Categories

This standard defines a set of graded efficiency targets for fully integrated motor drives (IMD). The whole input grid to output mechanical coupling efficiency is quantified. The standard defines a set of efficiency 'classes' to which an individual IMD may belong. Efficiency calculation methods are defined. The efficiency classes are further defined over the full torque and speed range of the IMD and are not solely based on the rated power of the IMD. Different torque profiles are defined for different typical usage scenarios. Efficiency of individual power converter or motor parts of the IMD are not considered. This standard addresses integrated motor drives fed by low voltage three phase supplies up to 500VAC with a power rating of less than 500kW but greater than 15kW.

IEEE (Institute of Electrical and Electronics Engineers)

Teresa Belmont <t.belmont@ieee.org> | 445 Hoes Lane, 3rd Floor | Piscataway, NJ 08854 www.ieee.org

New Standard

BSR/IEEE 3543-202x, Standard for Power Quality Requirements for 15kW-500kW Fully Integrated Motor Drives when Fed from Three Phase Supplies Up to 500VAC (new standard)
Stakeholders: industrial, process control, environmental

Project Need: At present it is difficult to determine the necessary motor drive system harmonic limits based on the existing power quality standards which are based on voltage distortion of the point of common coupling to the grid of an industrial installation. As the use and penetration of integrated motor drives or variable speed drives within an installation increases, there is a significant possibility that local grids within an industrial complex will become distorted to the point which equipment may start to malfunction. This standard is necessary to enable that all drives are compliant to power quality standards without having to rely on other equipment or loads compensating for poor power quality equipment in order to pass grid power quality standards.

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: https://ieee.app.box.com/v/Interest-Categories

This standard defines power quality requirements for fully integrated motor drives (IMD). The standard defines a set of power quality 'classes' to which an individual IMD may belong. Power quality calculation methods are defined. The harmonic current limits of each power quality 'class' are defined over the full torque and speed range of the IMD and are not solely based on the rated power of the IMD. Different torque profiles are defined for different typical usage scenarios. This standard addresses integrated motor drives fed by low voltage three phase supplies up to 500VAC with a power rating of less than 500kW but greater than 15kW.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3544-202x, Standard for Data Exchange Requirements for Power Factor Correction in Distributed Variable Frequency Motors Drives (new standard)
Stakeholders: industrial, process control, environmental

Project Need: Many Variable speed motor drives, particularly those designed to draw sinusoidal currents such as Active Front Ends or Matrix Converters, are able to modify both their active and reactive power, i.e. modify their displacement factor depending on how loaded they are. The displacement factor is typically set to unity. Since the majority of VSD's operate for the majority of their time well below their rated power, this should yield significant capacity for reactive power flow if needed. With enough installed VSD's within a factory, their inherent ability to modify the reactive power draw could be aggregated by a local controller to modify the power factor of the point of common coupling to the grid of a factory without the need for additional power factor correction equipment.

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: https://ieee.app.box.com/v/Interest-Categories

This standard defines data exchange requirements to enable the centralized control of displacement factor of a number of variable speed drives (VSD) or fully integrated motor drives (IMD). The standard defines a set of communication layers using standard protocols which an individual VSD or IMD may use to communicate its available capacity for reactive power generation and to receive demands for reactive power. The standard defines appropriate response times and ramp rates following a demand for reactive power. This standard addresses integrated motor drives and variable speed motor drives fed by low voltage three phase supplies up to 500VAC with a power rating of less than 500kW but greater than 15kW and covers supply frequencies ranging from 44-65Hz.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3546-202x, Guide for Arc Flash Safety Program for Substations and Underground and Overhead Lines (new standard)
Stakeholders: Utilities, testing laboratories, PPE manufacturers, equipment manufacturers, consultants, contractors, safety professionals, field workers, asset management, equipment engineers, work methods professionals, protection engineers.

Project Need: Currently, there is no industry standard that covers these areas as applicable to substations and underground and overhead lines operations.

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: https: //ieee.app.box.com/v/Interest-Categories

This guide provides different good practices for establishing, implementing, and maintaining arc flash electrical safety programs for substations and underground and overhead electric lines and any associated equipment (ac and dc). The guide provides different good practices that can be applied at multiple stages: during the development of a business plan in the early stages, during gap analysis, arc flash studies in ac and dc electrical systems (operating at 50 V and up to 800 kV ac and +/- 800 kV dc), and development of Personal Protective Equipment (PPE) programs, as well as during the development of work procedures, hazard analysis, risk mitigation, program governance, and sustainability.

IEEE (Institute of Electrical and Electronics Engineers)

Teresa Belmont <t.belmont@ieee.org> | 445 Hoes Lane, 3rd Floor | Piscataway, NJ 08854 www.ieee.org

New Standard

BSR/IEEE 3548-202x, Recommended Practice for the Structural Design of Distribution Grid in Photovoltaic-Energy Storage-DC-Flexible Integrated Buildings (new standard)
Stakeholders: They are owners and operators of industrial and commercial buildings, as well as power suppliers.

Project Need: As an emerging technology, PEDF building power supply and distribution technology organically combines photovoltaic power generation, energy storage, DC power distribution and flexible power use. It has broad application prospects in industrial and commercial buildings. This recommended practice covers the structural design of distribution network in the application of PEDF technology in buildings. Considering the type of building, energy management requirements, system capacity, short-circuit fault behavior and power supply reliability requirements, there are a variety of options for users to choose. According to the needs and choices of users, this recommended practice provides a suitable and reliable design scheme of distribution network structure, including DC voltage grade sequence and topology structure, in order to maximize power supply reliability and power quality, while taking into account the flexibility of power supply. Existing standards do not include the design guides of distribution network frame structure in the integrated application of building PEDF technology. This recommended practice fills the gap in the design standard of grid structure in the integrated application of PEDF technology in industrial and commercial buildings.

Interest Categories: A subset of the interest categories on this list is expected to comprise the consensus body: https: //ieee.app.box.com/v/Interest-Categories

This recommended practice covers the structural design in terms of topology and selection principles and methods of the voltage level sequence for Direct Current (DC) distribution networks ranging from 48 V to 750 V in photovoltaic-energy storage-DC-flexible (PEDF) integrated buildings. This recommended practice applies to the design or renovation of industrial and commercial PEDF integrated buildings.

IIAR (International Institute of All-Natural Refrigeration)

Tony Lundell <tony_lundell@iiar.org> | 1001 North Fairfax Street | Alexandria, VA 22314 www.iiar.org

Revision

BSR/IIAR 4-202x, Installation of Closed-Circuit Ammonia Refrigetration Systems (revision of ANSI/IIAR 4-2020)
Stakeholders: Contractor (Designer/Installer/Servicer), Manufacturer, Owner/Operator, and General Interest (Code/Standards bodies, trade or professional organizations, educational institutions, consulting engineers) of the industrial and commercial refrigeration industries. The Stakeholders have not changed.

Project Need: This standard is open for full review and revision as needed by consensus for periodic maintenance essentrial requirements.

Interest Categories: Contractor Manufacturer Owner/Operator General Interest

This standard shall provide minimum requirements for the safe installation of closed-circuit ammonia refrigeration systems.

IIAR (International Institute of All-Natural Refrigeration)

Tony Lundell <tony_lundell@iiar.org> | 1001 North Fairfax Street | Alexandria, VA 22314 www.iiar.org

Revision

BSR/IIAR 8-202x, Decommissioning of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 8-2020)
Stakeholders: Contractor (Designer/Installer/Servicer), Manufacturer, Owner/Operator, and General Interest (Code/Standards bodies, trade or professional organizations, educational institutions, consulting engineers) of the industrial and commercial refrigeration industries. The Stakeholders have not changed.

Project Need: This standard is open for full review and revision as needed by consensus for periodic maintenance essential requirements.

Interest Categories: Contractor, Manufacturer, Owner/Operator, General Interest

This standard specifies minimum criteria and procedures for decommissioning of closed-circuit ammonia refrigeration systems.

IIAR (International Institute of All-Natural Refrigeration)

Tony Lundell <tony_lundell@iiar.org> | 1001 North Fairfax Street | Alexandria, VA 22314 www.iiar.org

Revision

BSR/IIAR 9-202x, Minimum System Safety Requirements for Existing Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 9-2020 Addendum A-2024)
Stakeholders: Contractor (Designer/Installer/Servicer), Manufacturer, Owner/Operator, and General Interest (Code/Standards bodies, trade or professional organizations, educational institutions, consulting engineers) of the industrial and commercial refrigeration industries. The Stakeholders have not changed.

Project Need: This standard is open for full review and revision as needed by consensus for periodic maintenance essentrial requirements.

Interest Categories: • Manufacturer: Manufacturers and manufacturer's representatives of companies that assemble components and install the assembled equipment where the majority of their income is derived from the assembly of components for resale as complete units. • Contractor: Persons or organizations that install, design and install, or maintain ammonia refrigeration systems or equipment, where a majority of their income is derived from providing these services. • Operator/Owner: Owners or operators of ammonia refrigeration systems, such as food processors, refrigerated warehouses, etc. • General Interest: Other persons or organizations that includes code/standards bodies, trade or professional organizations, educational institutions, consulting engineers, etc.

IIAR 9 provides the minimum system safety requirements for existing closed-circuit ammonia refrigeration systems. IIAR 9 provides a method to determine if existing stationary closed-circuit refrigeration systems using ammonia as the refrigerant comply with minimum system safety requirements.

NETA (InterNational Electrical Testing Association)

Lamar Danzy <ldanzy@netaworld.org> | 3050 OId Centre Rd, Suite 101 | Portage, MI 49024 www.netaworld.org

Revision

BSR/NETA ETT-2026-202x, NETA Standard For Certification of Electrical Testing Technicians For Electrical Power Equipment & Systems (revision of ANSI/NETA ETT-2022)
Stakeholders: Governmental agencies, A&E firms, inspection authorities, owners of facilities that utilize large blocks of electric energy, electrical testing companies.

Project Need: This project is being initiated in order to assure that this standard reflects current industry standards, best practices, and technologies.

Interest Categories: Producers, Users, and General Interest.

Establishes minimum requirements for qualification and certification of the electrical testing technician. Also details the minimum training and experience requirements for electrical testing technicians and provides criteria for documenting qualifications and certification. Also outlines the minimum qualifications for an independent and impartial certifying body to certify electrical testing technicians.

SAE (SAE International)

Mark Zar <mark.zar@sae.org> | 755 West Big Beaver Road | Troy, MI 48084 www.sae.org

Revision

BSR SAE J3097/Z26.1-202x, Standard For Safety Glazing Materials For Glazing Motor Vehicles And Motor Vehicle Equipment Operating On Land Highways – Safety Standard (revision of SAE J3097 TM/ANSI Z26.1-2019)
Stakeholders: Users, Producers of glazing used on motor vehicles

Project Need: This revision includes updates to technology, editorial corrections, revised or new definitions, practical enhancements, addition, deletion, or clarification of test method details of the SAE J3097/ANSI Z26.1 MAY 2019 Glazing Standard. This is a comprehensive standard including glass and plastic glazing materials, with allowable installation locations, created as an optimum set of requirements reflecting the testing and performance specifications of the major international standards for safety glazing materials.

Interest Categories: Producers, User, and General Interest

Specifications and methods of test for safety glazing material (glazing material designed to promote safety and reduce or minimize the likelihood of personal injury from flying glazing material when the glazing material is broken) as used for windshields, windows, and partitions of land and marine vehicles and aircraft.

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: February 16, 2025

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum e to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)
Addendum e ISC makes modifications based on comments from the first public review. The first change is to use the more general term 'roof' and not the italicized term that restricts the provisions to locations that are defined in the 90.1 definition. Therefore, the term is changed in 5.3.5.3 (a) and (b) for it to be consistently applied. In addition, summer solstice is clear in this context. The second change is modification of exception for stone ballasted roofs that reinstates a minimum weight of 17 lb/ft2 (83 kg/m2) in climate zones 4A and 4B.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum k to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)
This Addendum modifies portions of section 10 dealing with outdoor air monitoring in the maintenance plan. It simplifies the requirements and eliminates duplication by relying on requirements in Standard 62.1.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: February 16, 2025

PHTA (Pool and Hot Tub Alliance)

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

Revision

BSR/PHTA/ICC-5-202x, Standard for Residential Inground Swimming Pools (revision and redesignation of ANSI/APSP/ICC-5 2011 (R2022))
This standard applies to permanently installed residential inground swimming pools intended for noncommercial use as a swimming pool by not more than three owner families and their guests and exceeding 24 in (61 cm) in water depth. This standard covers specifications for new construction and remodeling of residential inground swimming pools and includes design, equipment, operation, and installation.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.phta.org/standards

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 2252-202x, Standard for Safety for Adapters for use with Electric Vehicle Couplers (new standard)
The First Edition of the Standard for Adapters for use with Electric Vehicle Couplers is being proposed as an standard and National Standard of Canada.
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 & Engagement)

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

Revision

BSR/UL 1696-202x, Standard for Safety for Mechanical Protection (MPT) and Fittings (revision of ANSI/UL 1696 -2021)
Proposed Fourth Edition
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 & Engagement)

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

Revision

BSR/UL 1951-202x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2020)
The requirements in this standard cover equipment connected to or used with plumbing in commercial or household locations. Examples of equipment covered by these requirements are irrigation equipment, sprinkler controls, pedicure spas, water controls located in kitchens and bathrooms, electric faucets, toilets and toilet flushing systems. All equipment is intended for installation and use in accordance with NFPA 70, and is rated 600 volts or less. These requirements do not cover pumps, dishwashers, washing machines, or other equipment connected to plumbing that is covered by individual requirements. These requirements do not also cover refrigeration systems or controls that regulate water temperature, or equipment for use in hazardous locations as defined in NFPA 70.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: February 16, 2025

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 3703-202x, Standard for Safety for Solar Trackers (revision of ANSI/UL 3703-2015a (R2020))
1. Addition of References to UL 61010-1 for Controllers and Control Systems
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 & Engagement)

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

Revision

BSR/UL 4248-1-202x, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1-2022)
A proposed revision to UL 4248-1, Standard for Fuseholders - Part 1: General Requirements, which includes the following: (1) Addition of "Short-Circuit Current Rating" as an equivalent term, and (2) Clarification on wire length for temperature test.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: March 3, 2025

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA 6002-D20, Design Guide for Vehicle Spur and Helical Gears (reaffirmation of ANSI/AGMA 6002-D20)
This standard provides information on the design of spur and helical vehicle power transmission gears. Included are considerations for design, material and heat treatment, lubrication, determination of load capacity, mounting features, and typical design problems.
Single copy price: $310.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA 6014-B15, Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment (reaffirmation of ANSI/AGMA 6014-B15 (R2020))
This standard specifies a method for rating the pitting resistance and bending strength of open or semi-enclosed gearing for use on cylindrical shell and trunnion supported equipment such as grinding mills, kilns, coolers, and dryers. This includes spur, self-aligning spur, single helical, double helical, and herringbone gears made from steel, ductile iron, and austempered ductile iron. Annexes cover installation, alignment, maintenance, combination drives, and lubrication.
Single copy price: $310.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

Comment Deadline: March 3, 2025

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA 6102-D20, Design Guide for Vehicle Spur and Helical Gears (Metric Edition) (reaffirmation of ANSI/AGMA 6102-D20)
This standard provides information on the design of spur and helical vehicle power transmission gears. Included are considerations for design, material and heat treatment, lubrication, determination of load capacity, mounting features, and typical design problems.
Single copy price: $310.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA 6114-B15, Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment (Metric Edition) (reaffirmation of ANSI/AGMA 6114-B15 (R2020))
This standard specifies a method for rating the pitting resistance and bending strength of open or semi-enclosed gearing for use on cylindrical shell and trunnion supported equipment such as grinding mills, kilns, coolers, and dryers. This includes spur, self-aligning spur, single helical, double helical, and herringbone gears made from steel, ductile iron, and austempered ductile iron. Annexes cover installation, alignment, maintenance, combination drives, and lubrication.
Single copy price: $310.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

AGMA (American Gear Manufacturers Association)

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

Withdrawal

BSR/AGMA 6006-B20, Standard for Design and Specifications of Gearboxes for Wind Turbines (withdrawal of ANSI/AGMA 6006-B20)
This standard is intended to apply to wind turbine gearboxes. It provides information for specifying, selecting, designing, manufacturing, testing, procuring, operating and maintaining reliable speed increasing gearboxes for wind turbine generator system service. Annex information is supplied on wind turbine architecture, wind turbine load description, quality assurance, operation and maintenance, minimum purchaser gearbox manufacturer ordering data, lubrication selection and monitoring, determination of an application factor from a load spectrum using the equivalent torque, and bearing stress calculations.
Single copy price: $390.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

Comment Deadline: March 3, 2025

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 2.29-2020 (R202x), Probabilistic Seismic Hazard Analysis (reaffirmation of ANSI/ANS 2.29-2020)
This standard provides criteria and guidance for performing a Probabilistic Seismic Hazard Analysis (PSHA) that is used in the design and construction of nuclear facilities, i.e, facilities that store, process, test, or fabricate radioactive materials in such form and quantity that a nuclear risk to the workers, to the off-site public, or to the environment may exist. These include, but are not limited to, nuclear fuel manufacturing facilities; nuclear material waste processing, storage, fabrication, and reprocessing facilities; uranium enrichment facilities; tritium production and handling facilities; radioactive materials laboratories; and nuclear reactors.
Single copy price: $138.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

ASTM (ASTM International)

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

New Standard

BSR/ASTM E3406-202x, Guide for Microspectrophotometry in Forensic Fiber Analysis (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: accreditation@astm.org

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK72526-202x, Practice forOpinions on the Interpretation of Primer Gunshot Residue (pGSR) Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS) (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: accreditation@astm.org

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK84882-202x, Practice forForensic Science Testimony (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: Corice Leonard <accreditation@astm.org>

Comment Deadline: March 3, 2025

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

New Standard

BSR/ASTM WK85367-202x, Practice forthe Identification of Compounds related to Organic Gunshot Residue (OGSR) by Liquid Chromatography-Mass Spectrometry (LC-MS) (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: Laura Klineburger <accreditation@astm.org>

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

New Standard

BSR/ASTM WK85368-202x, Practice forthe Identification of Compounds Related to Organic Gunshot Residue (OGSR) by Gas Chromatography-Mass Spectrometry (GC-MS) (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: accreditation@astm.org

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

New Standard

BSR/ASTM WK88490-202x, Practice forPhysical Fit Analysis Training Program (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: accreditation@astm.org

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

New Standard

BSR/ASTM WK89493-202x, Guide forDetection and Preservation of Forensic Trace Evidence (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: accreditation@astm.org

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

Reaffirmation

BSR/ASTM F1250-2020 (R202x), Specification for Stationary Upright and Recumbent Exercise Bicycles and Upper and Total Body Ergometers (reaffirmation of ANSI/ASTM F1250-2020)
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: accreditation@astm.org

Comment Deadline: March 3, 2025

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

Reaffirmation

BSR/ASTM F2216-2017A (R202x), Specification for Selectorized Strength Equipment (reaffirmation of ANSI/ASTM F2216-2017A)
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: accreditation@astm.org

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

Reaffirmation

BSR/ASTM F2277-2017A (R202x), Test Methods for Evaluating Design and Performance Characteristics of Selectorized Strength Equipment (reaffirmation of ANSI/ASTM F2277-2017A)
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: accreditation@astm.org

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

Reaffirmation

BSR/ASTM F2748-2019 (R202x), Specification for Airsoft Guns (reaffirmation of ANSI/ASTM F2748-2019)
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: accreditation@astm.org

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

Reaffirmation

BSR/ASTM F2842-2020 (R202x), Specification for Reins Used in Thoroughbred and Quarter Horse Racing (reaffirmation of ANSI/ASTM F2842-2020)
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: accreditation@astm.org

Comment Deadline: March 3, 2025

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F3023-2018 (R202x), Test Methods for Evaluating Design and Performance Characteristics of Stationary Upright and Recumbent Exercise Bicycles and Upper and Total Body Ergometers (reaffirmation of ANSI/ASTM F3023-2018)
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: accreditation@astm.org

ASTM (ASTM International)

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

Revision

BSR/ASTM E1588-202x, Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (revision of ANSI/ASTM E1588-2020)
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: accreditation@astm.org

ASTM (ASTM International)

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

Revision

BSR/ASTM E2329-202x, Practice for Identification of Seized Drugs (revision of ANSI/ASTM E2329-2017)
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: Corice Leonard <accreditation@astm.org>

ASTM (ASTM International)

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

Revision

BSR/ASTM E2881-202x, Test Method for Extraction and Derivatization of Vegetable Oils and Fats from Fire Debris and Liquid Samples with Analysis by Gas Chromatography-Mass Spectrometry (revision of ANSI/ASTM E2881-2018)
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: accreditation@astm.org

Comment Deadline: March 3, 2025

ASTM (ASTM International)

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

Revision

BSR/ASTM E2926-202x, Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (-XRF) Spectrometry (revision of ANSI/ASTM E2926-2017)
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: accreditation@astm.org

ASTM (ASTM International)

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

Revision

BSR/ASTM F1776-202x, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2022)
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: accreditation@astm.org

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.21-202x, STANDARD FOR THRESHOLDS (revision of ANSI/BHMA A156.21-2019)
This Standard establishes requirements for thresholds. Types are described with identifying numbers. Strength tests, fastening systems, and gasketing tests are included.
Single copy price: $36 non-member, 18 member
Obtain an electronic copy from: KBishop@Kellencompany.com
Send comments (copy psa@ansi.org) to: Karen Bishop <kbishop@kellencompany.com>

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.69/CSA 6.16 (R202x), Connectors for moveable gas appliances, same as CSA 6.16 (reaffirmation of ANSI Z21.69-2015 (R2020))
This Standard applies to newly produced gas appliance connectors constructed entirely of new, unused parts and materials that are intended for use with gas utilization equipment that may be mounted on casters or otherwise be subject to movement. Connectors complying with this Standard are considered suitable for use with natural, manufactured, mixed and propane gases, and LP gas-air mixtures.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: March 3, 2025

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.22-CSA4.4 (R202x), Relief valves for hot water supply systems, same as CSA 4.4 (reaffirmation and redesignation of ANSI Z21.22-2015 (R2020))
This Standard applies to the following types of relief valves constructed entirely of new, unused parts and materials: a) combination temperature and pressure relief valves for use on storage tanks of hot water supply systems without heater input limitation, hereinafter called “T&P” valves; b)valves having only pressure relief features for use on storage tanks of hot water supply systems without heater input limitation; and c) vacuum relief valves.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.98-CSA 4.10 (R202x), Non-metallic dip tubes for use in water heaters, same as CSA 4.10 (reaffirmation and redesignation of ANSI Z21.98-2015 (R2020))
This Standard applies to newly produced non-metallic dip tubes intended for use in water heaters.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

CSA (CSA America Standards Inc.)

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

Revision

CSA/BSR/IGSHPA C448 SERIES-202x, Design and installation of ground source heat pump systems for commercial and residential buildings (revision of ANSI/CSA/IGSHPA C448 SERIES-2016 (R2021))
This Standard applies to unitary single package or split system liquid source and ground source heat pumps for all systems using groundwater, submerged heat exchangers, or ground heat exchangers as a thermal source or sink for heating and/or cooling, with or without a supplementary heating source. This Standard also applies to direct-expansion ground source heat pumps for systems using ground heat exchangers as a thermal source or sink for heating and/or cooling, with or without a supplementary heating source. This Standard covers minimum requirements for equipment and material selection, site survey, system design, installation, testing and verification, documentation, and commissioning and decommissioning. This Standard applies to standing column-well ground-source heat-pump systems, district energy systems, and energy foundations. This Standard also applies to thermal energy storage systems. This Standard applies to new and retrofit installations. It includes an annex on Wastewater Energy Transfer systems.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: March 3, 2025

NEMA (ASC C137) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

Revision

BSR/C137.4-202X, Standard for Lighting SystemsInteroperability of LED Drivers and Other Connected Devices Via the Digital Addressable Lighting Interface (revision of ANSI/C137.4-2021)
This standard specifies the minimum requirements for devices such as drivers, AUX power supplies, controls, sensors, luminaire mounted control devices, and communication devices supporting a digital interface between devices. This standard builds on the digital addressable lighting interface as specified in the IEC 62386 series of standards to specify the requirements for memory bank usage, logic signal interface, energy reporting, diagnostic information, as well as requirements for auxiliary power supplies that may be integrated into an LED driver.
Single copy price: $84.00
Obtain an electronic copy from: michael.erbesfeld@nema.org
Send comments (copy psa@ansi.org) to: Same

NEMA (National Electrical Manufacturers Association)

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

New Standard

BSR/NEMA IM 60004-202x, Calendered Aramid Papers Used for Electrical Insulation (new standard)
This Standards Publication is applicable to qualification and testing of calendered aramid papers in thicknesses up to 30 mils (0.76 mm) for use as electrical insulation. Methods and properties applicable to aramid pressboards, uncalendered aramid papers, and papers made of blends of aramid with other materials are substantially different and are not considered in this standard.
Single copy price: $120.00
Obtain an electronic copy from: communication@nema.org
Send comments (copy psa@ansi.org) to: Same

RESNET (Residential Energy Services Network, Inc.)

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

Revision

BSR/RESNET/ICC 850-202x, Standard for the Calculation and Labeling of the Water Use Performance of Dwelling and Sleeping Units Using a Water Rating Index (revision of ANSI/RESNET/ICC 850-2020)
The project is the 2025 update to Standard ANSI/RESNET/ICC 850-2020.
Single copy price: $55.00
Obtain an electronic copy from: Download by following the “ANSI Standards & Amendments Out For Public Comment” link on webpage, https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/
Send comments (copy psa@ansi.org) to: RESNET using the online comment form for the draft at https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/, under link “ANSI Standards & Amendments Out For Public Comment”

Comment Deadline: March 3, 2025

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 248-21-202x, Standard for Low-Voltage Fuses - Part 21: Fuses for the Protection of Batteries and Battery Systems (new standard)
A proposed First Edition of UL 248-21, Standard for Low-Voltage Fuses - Part 21: Fuses for the Protection of Batteries and Battery Systems, which includes the requirements for fuses specific to the protection of battery and battery systems operating at or below 2000 V dc
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 60335-2-52-2020 (R202x), Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-52: Particular Requirements for Oral Hygiene Appliances (reaffirmation of ANSI/UL 60335-2-52-2020)
Reaffirmation and continuance of the 1st Edition of the Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-52: Particular Requirements for Oral Hygiene Appliances, UL 60335-2-52, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 60947-1-202x, Standard for Low-Voltage Switchgear and Controlgear - Part 1: General Rules (revision of ANSI/UL 60947-1-2022)
Changes in requirements including: (1) Addition of Class CF; (2) Revision to Clamped Joint Test; (3) Minor Revision to 8.3.3.4.1DV.2; (4) Allowance to Provide User or Installation Manual Information Via the Internet; (5) Clarification Performing the Dielectric Test on DC Rated Devices.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: March 18, 2025

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 A112.1.3-2000 (R202x), Air Gap Fittings for Use With Plumbing Fixtures, Appliances, and Appurtenances (reaffirmation of ANSI/ASME A112.1.3-2000 (R2019))
This Standard establishes physical requirements and methods of testing for air gap fittings for protecting against back siphonage and back pressure backflow.
Single copy price: $41.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

Project Withdrawn

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 1103-201x, Tooth Proportions for Fine- Pitch Spur and Helical Gearing (Metric Edition) (revision of ANSI/AGMA 1103-2007)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Phillip Olson <olson@agma.org>

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:

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 1105-A-0x, Tolerance Specification for Involute Spline Hobs (new standard)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@agma.org>

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 2001-DXX, Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth (revision of ANSI/AGMA 2001-C95)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@agma.org>

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 6035-2x, Design, Rating and Application of Industrial Globoidal Wormgearing (revision of ANSI/AGMA 6035-A02 (R2008))
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@agma.org>

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 6113-0x, Industrial Enclosed Gear Drives (Metric Edition) (new standard)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@agma.org>

Project Withdrawn

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 6135-2x, Design, Rating and Application of Industrial Globoidal Wormgearing (Metric Version) (revision of ANSI/AGMA 6135-08)
Send comments (copy psa@ansi.org) to: Phillip Olson <olson@agma.org>

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Suite 1100, Washington, DC 20001-5571 | pintoi@api.org, www.api.org

BSR/API Standard 561-202x, Reforming Furnaces for Hydrogen and Syngas Production (new standard)
Send comments (copy psa@ansi.org) to: Ivan Pinto <pintoi@api.org>

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, 3rd Floor, Piscataway, NJ 08854 | t.belmont@ieee.org, www.ieee.org

BSR/IEEE 2857-202x, Standard for Wireless Smart Utility Network Field Area Network (FAN) (new standard)
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.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.

API (American Petroleum Institute)

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

ANSI/API Standard 618-2008 (R2016), Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services (reaffirm a national adoption ANSI/API 618-2008)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Katie Burkle <burklek@api.org>

PMI (Project Management Institute)

18 Campus Boulevard, Suite 150, Newtown Square, PA 19073 | lorna.scheel@pmi.org, www.pmi.org

ANSI/PMI 19-006-2019, Standard for Earned Value Management (EVM) (new standard)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Lorna Scheel <lorna.scheel@pmi.org>

Final Actions on American National Standards

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

AAFS (American Academy of Forensic Sciences)

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

ANSI/ASB Std 017-2025, Standard for Metrological Traceability in Forensic Toxicology (revision of ANSI/ASB Std 017 -2018) Final Action Date: 1/7/2025 | *Revision*

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 15242-4-2018 (R2025), Rolling Bearings - Measuring Methods for Vibration - Part 4: Radial Cylindrical Roller Bearings with Cylindrical Bore and Outside Surface (reaffirm a national adoption ANSI ABMA/ISO 15242-4-2018) Final Action Date: 1/8/2025 | *Reaffirmation*

ANSI/ABMA/ISO 15242-1-2016 (R2025), Rolling bearings - Measuring methods for vibration - Part 1: Fundamentals (reaffirm a national adoption ANSI/ABMA/ISO 15242-1-2016) Final Action Date: 1/8/2025 | *Reaffirmation*

ANSI/ABMA/ISO 15242-2-2016 (R2025), Rolling bearings - Measuring methods for vibration - Part 2: Radial ball bearings with cylindrical bore and outside surface (reaffirm a national adoption ANSI/ABMA/ISO 15242-2-2016) Final Action Date: 1/8/2025 | *Reaffirmation*

ANSI/ABMA/ISO 15242-3-2018 (R2025), Rolling bearings - Measuring methods for vibration - Part 3: Radial spherical and tapered roller bearings with cylindrical bore and outside surface (reaffirm a national adoption ANSI/ABMA/ISO 15242-3-2018) Final Action Date: 1/8/2025 | *Reaffirmation*

ANSI/ABMA/ISO 15243-2017 (R2025), Rolling bearings - Damage and failures - Terms, characteristics and causes (reaffirm a national adoption ANSI/ABMA/ISO 15243-2017) Final Action Date: 1/8/2025 | *Reaffirmation*

AGMA (American Gear Manufacturers Association)

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

ANSI/AGMA 1102-C19 (R2025), Tolerance Specification for Gear Hobs (reaffirmation of ANSI/AGMA 1102-C19) Final Action Date: 1/8/2025 | *Reaffirmation*

ANSI/AGMA 6001-F19, Design and Selection of Components for Enclosed Gear Drives (reaffirmation of ANSI/AGMA 6001-F19) Final Action Date: 1/8/2025 | *Reaffirmation*

ANSI/AGMA 6025-E19, Sound for Enclosed Helical, Herringbone and Spiral Bevel Gear Drives (reaffirmation of ANSI/AGMA 6025-E19) Final Action Date: 1/8/2025 | *Reaffirmation*

ANSI/AGMA 6101-F19, Design and Selection of Components for Enclosed Gear Drives (Metric Edition) (reaffirmation of ANSI/AGMA 6101-F19) Final Action Date: 1/8/2025 | *Reaffirmation*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME B30.21-2025, Lever Hoists (revision of ANSI/ASME B30.21-2014 (R2019)) Final Action Date: 1/7/2025 | *Revision*

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

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

ANSI/ASSP A10.2-2025, Safety, Health and Environmental Training for the Construction and Demolition Operations (new standard) Final Action Date: 1/13/2025 | *New Standard*

ATSIP (Association of Transportation Safety Information Professionals)

2351 Freedom Way, Suite 201, York, PA 17402 | john@nisrinc.com, www.atsip.org

ANSI/ATSIP D16.1-2025, Manual on Classification of Motor Vehicle Traffic Crashes - 9th Edition (revision of ANSI/ATSIP D.16-2017) Final Action Date: 1/7/2025 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA B408-2017, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2010) Final Action Date: 1/7/2025 | *Revision*

ANSI/AWWA B408-2025, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2017) Final Action Date: 1/7/2025 | *Revision*

ANSI/AWWA B506-2025, Zinc Orthophosphate (revision of ANSI/AWWA B506-2018) Final Action Date: 1/7/2025 | *Revision*

ANSI/AWWA C508-2025, Swing-Check Valves for Waterworks Service, 2-In. Through 48-In. (50-mm Through 1,200-mm) NPS (revision of ANSI/AWWA C508-2017) Final Action Date: 1/7/2025 | *Revision*

ANSI/AWWA C621-2025, Internal Pipe Joint Seal Assemblies for Water Service (revision of ANSI/AWWA C621-2018) Final Action Date: 1/7/2025 | *Revision*

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

ANSI/BHMA A156.3-2025, Standard for Exit Devices (revision of ANSI/BHMA A156.3-2020) Final Action Date: 1/13/2025 | *Revision*

ANSI/BHMA A156.17-2025, Standard for Self Closing Hinges and Pivots (revision of ANSI/BHMA A156.17-2014 (R2019)) Final Action Date: 1/7/2025 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI Z21.35-2005 (R2025), Pilot Gas Filters (same as CSA 6.8) (reaffirmation of ANSI Z21.35-2005 (R2020), ANSI Z21.35a-2010 (R2020)) Final Action Date: 1/9/2025 | *Reaffirmation*

ANSI Z21.77-2005 (R2025), Manually Operated Piezo-Electric Spark Gas Ignition Systems and Components (same as CSA 6.23) (reaffirmation of ANSI Z21.77-2005 (R2020)) Final Action Date: 1/9/2025 | *Reaffirmation*

ESTA (Entertainment Services and Technology Association)

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

ANSI E1.20-2025, Entertainment Technology - RDM-Remote Device Management over USITT DMX512 Networks (revision of ANSI E1.20-2010) Final Action Date: 1/8/2025 | *Revision*

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

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

ANSI/ASSE/IAPMO Series 16000 (R2025), Professional Qualifications Standard for Inspectors and Plans Examiners (reaffirmation of ANSI/ASSE Series 16000-2019) Final Action Date: 1/8/2025 | *Reaffirmation*

TVC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | aszc80@thevisioncouncil.org, www.z80asc.com

ANSI Z80.27-2014 (R2025), Implantable Glaucoma Devices (reaffirmation of ANSI Z80.27-2014 (R2019)) Final Action Date: 1/9/2025 | *Reaffirmation*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

NCPDP - National Council for Prescription Drug Programs

Enrollment in the 2025 Consensus Group

Enrollment in the 2025 Consensus Group opens Monday, January 13, 2025 and closes at 8:00 p.m. EST on Friday, February 14, 2025. Information concerning the Consensus Group registration process is available by contacting:
Margaret Weiker, National Council for Prescription Drug Programs, 9240 East Raintree Drive, Scottsdale, AZ 85260
Phone: (480) 477-1000; Email: mweiker@ncpdp.org

Standards (Page 1 of 2):
· Audit Transaction Standard – supports an electronic audit transaction that facilitates requests, responses, and final outcomes transmissions for both "Desk Top" claim audits and for in-store audit notices.
· Batch Standard Subrogation - provides a uniform approach to efficiently process post-payment subrogation claims and eliminate the numerous custom formats used in the industry today.
· Benefit Integration Standard - supports the communication of accumulator data (such as deductible and out of pocket) between Benefit Partners to administer integrated benefits for a member.
· Billing Unit Standard - provides a consistent and well-defined billing unit for use in pharmacy transactions. This results in time savings and accuracy in billing and reimbursement.
· Financial Information Reporting Standard – provides a process whereby financial information is moved from one PBM to another when a patient changes benefit plans.
· Formulary and Benefit Standard – provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.
· Manufacturer Rebate Standard – provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs).
· Medicaid Pharmacy Encounters Reporting – provides standardization of data content and file layout for reporting of Medicaid Managed Care Organization pharmacy claims to a state agency.
· Post Adjudication Standard – provides a format for supplying detailed drug or utilization claim information after the claim has been adjudicated.
· Prescription Drug Monitoring Programs (PDMP) Reporting Standard – developed to report controlled substance and other required drug information to assist healthcare providers to deter prescription drug abuse to ensure access for patients with valid medical needs.
· Prescription Transfer Standard – developed to create file formats for the purpose of electronically transferring prescriptions between pharmacies.
· Prior Authorization Transfer Standard – developed to define the file format and correct usage for electronically transferring existing prior authorization data between payer/processors when transitioning clients, performing system database or platform changes, or other scenarios where an existing prior authorization record is stored in one location and needs to be moved to another.
· Product Identifiers Standard – developed to provide a standard for consistent formatting and utilization of product identifiers in healthcare and to provide clarification for maintenance of these specific product identifiers.
· Real-Time Prescription Benefit Standard – developed a real-time pharmacy benefit inquiry from a provider EMR application to: leverage pharmacy industry standards and technology infrastructure, to deliver an accurate, pharmacy specific, "Patient Pay Amount" for a proposed medication and quantity and to collaboratively align stakeholders.

ANSI Accredited Standards Developer

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Phone: (480) 477-1000; Email: mweiker@ncpdp.org

Standards (Page 2 of 2):
· Retiree Drug Subsidy Standard – developed to assist in the automation of summarized drug cost and related data transfer from one processor/pharmacy benefit manager to another processor/ pharmacy benefit manager for continuation of the CMS Retiree Drug Subsidy (RDS) cost data reporting by the receiving entity.
· SCRIPT Standard – developed for transmitting prescription information electronically between prescribers, providers, and other entities.
· Specialized Standard – developed for transmitting information electronically between prescribers, providers, and other entities. The standard addresses the electronic transmission of census information about a patient between a facility and a pharmacy, medication therapy management transactions between providers, payers, pharmacies, and other entities. It will include other transactions for electronic exchanges between these entities in the future.
· Specialty Pharmacy Data Reporting Standard - provides a standardized format for the data submitted by specialty pharmacy to drug manufacturers/others to support programs and agreements between the parties.
· State Medicaid Provider File Standard - developed a standard by which state Medicaid agencies or other entities could communicate their provider data with the MCOs/PBMs in a consistent and streamlined manner.
· Telecommunication Standard – developed a standardized format for electronic communication of claims and other transactions between pharmacy providers, insurance carriers, third-party administrators, and other responsible parties.
· Uniform Healthcare Payer Data Standard – developed a standard format for pharmacy claim data to support the reporting requirements of claim data to states or their designees.

ANSI Accredited Standards Developer

RESNA - Rehabilitation Engineering and Assistive Technology Society of North America

Call for Members and RESNA Meeting Notice

RESNA Committees seeking Consumers, Manufacturers/Testing Labs, and Government members:
1. RESNA Standards Committee on Adaptive Golf Cars (AGC): Adaptive golf cars are equipped with hand controls and a swivel seat enabling a golfer with a mobility impairment to play golf. This standard affects manufacturers of adaptive golf cars, golf course operators, mobility-impaired users of adaptive golf cars, local governments, intergovernmental risk pools, and individuals or organizations (public or private) that have an interest in the safety of adaptive golf cars.
2. RESNA Standards Committee on Emergency Stair Travel Devices for Individuals with Disabilities (ESTD): These standards affect individuals with mobility impairments, caregivers and organizations representing the technical needs of persons with mobility impairments, life safety operators, building owners and managers, life safety technology designators, code development and enforcement professionals, and manufacturers, researchers, designers, and test laboratories of emergency stair travel devices.
3. RESNA Standards Committee on Wheelchairs and Transportation (COWHAT): The RESNA COWHAT creates standards to improve safety, accessibility, and usability for people who stay seated in their wheelchairs for travel. The group meets quarterly. We are revising our Volume 4 standards and are looking for people to join our team. We especially need to hear from consumers, advocates, caregivers, transit providers, and clinicians to make sure our standards are highly effective.

Upcoming RESNA Meetings: RESNA Standards Committee on Ground and Floor Surfaces (GFS)
Tuesday, January 21, 2025 at 1:00 pm Eastern
Tuesday, March 18, 2025 at 1:00 pm Eastern
Tuesday, May 20, 2025 at 1:00 pm Eastern
Tuesday, July 15, 2025 at 1:00 pm Eastern
Tuesday, September 16, 2025 at 1:00 pm Eastern
Tuesday, November 18, 2025 at 1:00 pm Eastern

If you would like to attend a meeting, please contact Kennedy Smith at technicalstandards@resna.org.

AWS (American Welding Society)

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

BSR/AWS B5.1-202x, Specification for the Qualification of Welding Inspectors (revision of ANSI/AWS B5.1-2025)

AWS (American Welding Society)

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

BSR/AWS B5.16-202x, Specification for the Qualification of Welding Engineering Personnel (revision of ANSI/AWS B5.16-2025)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.15-202x, STANDARD FOR RELEASE DEVICES - CLOSER HOLDER, ELECTROMAGNETIC AND ELECTROMECHANICAL (revision of ANSI/BHMA A156.15-2021)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.20-202x, Standard For Strap And Tee Hinges, And Hasps (revision of ANSI/BHMA A156.20-2021)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.21-202x, STANDARD FOR THRESHOLDS (revision of ANSI/BHMA A156.21-2019)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street, NW, Suite 1280, Washington, DC 20045 | kbishop@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.22-202x, Standard For Gasketing (revision of ANSI/BHMA A156.22-2021)

NEMA (ASC C137) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR/C137.4-202X, Standard for Lighting SystemsInteroperability of LED Drivers and Other Connected Devices Via the Digital Addressable Lighting Interface (revision of ANSI/C137.4-2021)

NETA (InterNational Electrical Testing Association)

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

BSR/NETA ETT-2026-202x, NETA Standard For Certification of Electrical Testing Technicians For Electrical Power Equipment & Systems (revision of ANSI/NETA ETT-2022)

PHTA (Pool and Hot Tub Alliance)

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

BSR/PHTA/ICC-5-202x, Standard for Residential Inground Swimming Pools (revision and redesignation of ANSI/APSP/ICC-5 2011 (R2022))

SAE (SAE International)

755 West Big Beaver Road, Troy, MI 48084 | mark.zar@sae.org, www.sae.org

BSR SAE J3097/Z26.1-202x, Standard For Safety Glazing Materials For Glazing Motor Vehicles And Motor Vehicle Equipment Operating On Land Highways - Safety Standard (revision of SAE J3097 TM/ANSI Z26.1-2019)

ULSE (UL Standards & Engagement)

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

BSR/UL 1951-202x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2020)
Interest Categories: ULSE is looking for participants in the following interest categories: Commercial/Industrial Users, Consumer, General Interest, Government, and Supply Chain

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)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Additive manufacturing (TC 261)

ISO/ASTM DIS 52957, Additive manufacturing of ceramics - Design - Design guidelines - 4/3/2025, $88.00

Agricultural food products (TC 34)

ISO/DIS 959-1, Pepper (Piper nigrum L.), whole or ground - Specification - Part 1: Black pepper - 3/29/2025, $53.00

ISO/DIS 959-2, Pepper (Piper nigrum L.), whole or ground - Specification - Part 2: White pepper - 3/28/2025, $46.00

Air quality (TC 146)

ISO/DIS 13977-1, Workplace atmospheres - Assessment of dermal exposure - Part 1: Framework for Dermal exposure assessment - 3/30/2025, $107.00

Aircraft and space vehicles (TC 20)

ISO/DIS 23705, Space systems - Identifying, evaluating, and avoiding collisions between orbiting objects - 3/29/2025, $112.00

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 10524-3, Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves (VIPRs) - 4/3/2025, $119.00

Applications of statistical methods (TC 69)

ISO/DIS 24108-1, Grid Square Statistics and their Applications - Part 1: Fundamental Principle of Grid Square Statistics - 3/28/2025, $93.00

Banking and related financial services (TC 68)

ISO/DIS 20022-4, Financial services - Universal financial industry message scheme - Part 4: XML Schema generation - 3/29/2025, $98.00

ISO/DIS 20022-8, Financial services - Universal financial industry message scheme - Part 8: ASN.1 generation - 3/28/2025, $88.00

Building construction (TC 59)

ISO/DIS 19067, Building and civil engineering sealants - Determination of changes in colour after laboratory accelerated weathering procedures - 3/28/2025, $40.00

Corrosion of metals and alloys (TC 156)

ISO/DIS 19691, Measurement method of corrosion for weathering steel structures - 3/31/2025, $53.00

ISO/DIS 25018, Corrosion of metals and alloys - Determination of resistance to stress corrosion cracking of copper and copper-zinc alloys in ammonia vapour - 3/30/2025, $53.00

Dentistry (TC 106)

ISO/DIS 10873, Dentistry - Denture adhesives - 3/29/2025, $62.00

Horology (TC 114)

ISO/DIS 6426-2, Horological vocabulary - Part 2: Technical and commercial definitions - 4/3/2025, $82.00

Mechanical testing of metals (TC 164)

ISO/DIS 20198, Metallic materials - Steel - Method of test for the determination of brittle crack arrest temperature (CAT) - 3/30/2025, $71.00

Packaging (TC 122)

ISO/DIS 6591-1, Packaging - Dimensions and method of measurement - Part 1: Empty paper sacks - 4/3/2025, $53.00

Photography (TC 42)

ISO/DIS 18937-3, Imaging materials - Methods for measuring indoor light stability of photographic prints - Part 3: LED lamp exposure - 3/28/2025, $67.00

Plastics (TC 61)

ISO 1043-4:2021/DAmd 1, - Amendment 1: Plastics - Symbols and abbreviated terms - Part 4: Flame retardants - Amendment 1 - 4/3/2025, $29.00

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

ISO/DIS 11295, Plastics piping systems used for the rehabilitation of pipelines - Classification and overview of strategic, tactical and operational activities - 3/30/2025, $134.00

Road vehicles (TC 22)

ISO/DIS 22133, Road vehicles - Test object monitoring and control for active safety and automated/autonomous vehicle testing - Functional requirements, specifications and communication protocol - 3/28/2025, $165.00

ISO/DIS 29061-1, Road vehicles - Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems - Part 1: Vehicles and child restraint systems equipped with ISOFIX anchorages and attachments - 3/29/2025, $77.00

ISO/DIS 29061-3, Road vehicles - Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems - Part 3: Installation of child restraint systems using vehicle seat belts - 3/29/2025, $67.00

ISO/DIS 29061-4, Road vehicles - Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems - Part 4: Securing of child in child restraint system and daily handling aspects - 3/29/2025, $58.00

ISO/DIS 29061-5, Road vehicles - Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems - Part 5: Installation and securing of child in a booster system - 3/29/2025, $67.00

Surface chemical analysis (TC 201)

ISO/DIS 23971, Surface chemical analysis - X-ray fluorescence analysis of particulate matter filters - 3/30/2025, $88.00

Textiles (TC 38)

ISO/DIS 1130, Textiles - Some methods of sampling fibres, yarns and fabrics for testing - 4/3/2025, $71.00

Thermal insulation (TC 163)

ISO/DIS 8145, Thermal insulation - Mineral wool board for overdeck insulation of roofs - Specification - 4/3/2025, $62.00

ISO/IEC JTC 1, Information Technology

ISO/IEC/IEEE DIS 12207, Systems and software engineering - Software life cycle processes - 4/3/2025, $175.00

ISO/IEC/IEEE DIS 26516, Systems and software engineering - Development and production of instructional videos - 3/30/2025, $98.00

Other

ISO/IEC DIS 80079-38, Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines - 3/24/2025, $102.00

IEC Standards

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

100/4266/DTR, IEC TR 63583-1 ED1: Multimedia systems and equipment for vehicles - Compact Driving Simulator (CDS) - Part 1: General, 03/07/2025

Automatic controls for household use (TC 72)

72/1473/CD, IEC 60730-1/AMD1/FRAG4 ED6: Fragment 4: Class Ae control function, 03/07/2025

72/1475/CD, IEC 60730-2-25 ED1: Automatic electrical controls -Part 2-25: Particular requirements for current sensing controls, 03/07/2025

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

46A/1707/CDV, IEC 61196-1-102 ED2: Coaxial communication cables - Part 1-102: Electrical test methods - Test for insulation resistance of cable dielectric, 04/04/2025

46/1038/CD, IEC 61935-4 ED1: Specification for the testing of balanced and coaxial information technology cabling - Part 4: Installed balanced single-pair cabling as specified in ISO/IEC 11801-1 and related standards, 03/07/2025

46/1035(F)/FDIS, IEC 62037-1 ED3: Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods, 02/07/2025

46/1037/CD, IEC 63466-2 ED1: Leaky waveguides - Part 2: Sectional specification for elliptical leaky waveguides, 03/07/2025

46C/1311/NP, PNW 46C-1311 ED1: IEC 62783-3 ED1: Twinax cables for digital communication - Part 3: Family specification - Cable for SAS physical interfaces, 04/04/2025

Dependability (TC 56)

56/2074(F)/FDIS, IEC 62508 ED2: Guidance on human aspects of dependability, 01/24/2025

Documentation and graphical symbols (TC 3)

3D/418/VD, IEC 61360-C00172: Lists of Properties (LOPs) of process analysers for electronic data exchange (General LOPs), 02/21/2025

Electrical accessories (TC 23)

23B/1557/FDIS, IEC 60884-2-8 ED1: Plugs and socket-outlets for household and similar purposes - Particular requirements for socket-outlets for furniture, 02/21/2025

23E/1397/CD, IEC 62423 ED3: Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses, 04/04/2025

Electrical apparatus for explosive atmospheres (TC 31)

31/1842(F)/FDIS, IEC 60079-7 ED6: Explosive atmospheres - Part 7: Equipment protection by increased safety "e", 01/24/2025

31M/247/CD, ISO 80079-50 ED1: Explosive atmospheres - Part 50: Explosion venting devices, 03/07/2025

Electrical equipment in medical practice (TC 62)

62D/2202/CDV, ISO 12487 ED1: Respiratory equipment -- Clinical investigation of clinical thermometers, 04/04/2025

Electromagnetic compatibility (TC 77)

77/619/DTS, IEC TS 61000-1-6 ED1: Electromagnetic compatibility (EMC) - Part 1-6: General - Guidelines to the evaluation of measurement uncertainty in EMC testing, 03/07/2025

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

104/1090/CD, IEC 60068-2-64 ED3: Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, 03/07/2025

104/1084(F)/CDV, IEC 60721-3-5 ED3: Classification of environmental conditions - Part 3: Classificationof groups of environmental parameters and their severities -Section 5: Ground vehicle installations, 03/21/2025

104/1085(F)/CDV, IEC 60721-3-7 ED3: Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 7: Portable and non-stationary use, 03/21/2025

Equipment for electrical energy measurement and load control (TC 13)

13/1932/CDV, IEC 62056-8-11 ED1: Electricity metering data exchange - The DLMS/COSEM suite - Part 8-11: Communication profile for Wi-SUN field area mesh networks, 04/04/2025

Evaluation and Qualification of Electrical Insulating Materials and Systems (TC 112)

112/671/DTR, IEC TR 61857-2 ED2: Electrical insulation systems - Procedures for thermal evaluation - Part 2: Selection of the appropriate test method for evaluation and classification of electrical insulation systems, 03/07/2025

Fibre optics (TC 86)

86C/1960/CD, 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, 03/07/2025

86C/1952/CDV, IEC 61757 ED2: Fibre optic sensors - Generic specification, 04/04/2025

Flat Panel Display Devices (TC 110)

110/1729/FDIS, IEC 62908-42-10 ED1: Touch and interactive displays - Part 42-10: Measurement methods of motion-tracking image-control response time for interactive projection display, 02/21/2025

Fuel Cell Technologies (TC 105)

105/1094(F)/FDIS, IEC 62282-3-202 ED1: Fuel cell technologies - Part 3-202: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems for multiple units operation, 01/24/2025

105/1095(F)/FDIS, IEC 62282-6-401 ED1: Fuel cell technologies - Part 6-401: Micro fuel cell power systems - Power and data interchangeability - Performance test methods for laptop computers, 02/07/2025

Industrial-process measurement and control (TC 65)

65E/1147(F)/CDV, IEC 62264-2 ED3: Enterprise-control system integration - Part 2: Object and attributes for enterprise-control system integration, 03/21/2025

Measuring equipment for electromagnetic quantities (TC 85)

85/945/CD, IEC 61557-12-2 ED1: Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 12-2: Functional test procedure for PMD and EPMF, 04/04/2025

Nuclear instrumentation (TC 45)

45A/1580/FDIS, IEC 60911 ED2: Nuclear Power Plants - Instrumentation systems - Measurements for monitoring adequate cooling within the core of pressurized light water reactors, 02/21/2025

45A/1579/CD, IEC 62241 ED2: Nuclear power plants - Human-machine interfaces - Alarm functions and presentation, 04/04/2025

45A/1581/CD, IEC TS 63574 ED1: Nuclear Power Plants - Instrumentation, control and electrical power systems of nuclear facilities - System software vulnerability and end-of-support system software management, 04/04/2025

Performance of household electrical appliances (TC 59)

59L/285/FDIS, IEC 60704-2-11 ED2: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-11: Particular requirements for electrically-operated food preparation appliances, 02/21/2025

59L/286/FDIS, IEC 60879/AMD1 ED2: Amendment 1 - Comfort fans and regulators for household and similar purposes - Methods for measuring performance, 02/21/2025

59F/522/CD, IEC TS 62885-1 ED4: Surface cleaning appliances - Part 1: General requirements on test material and test equipment, 03/14/2025

Safety of Electronic Equipment within the Field of Audio/Video, Information Technology and Communication Technology (TC 108)

108/833/FDIS, IEC 62911 ED2: Audio, video and information technology equipment - Routine electrical safety testing in production, 02/21/2025

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

116/863(F)/FDIS, IEC 62841-1/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements, 01/24/2025

Semiconductor devices (TC 47)

47E/854/CD, IEC 60747-5-19 ED1: Semiconductor devices - Part 5-19: Optoelectronic devices - Light emitting diodes - Test method of the micro photoluminescence for chip wafers of micro light emitting diodes, 03/07/2025

47F/497/FDIS, IEC 62047-45 ED1: Semiconductor devices - Micro-electromechanical devices - Part 45: Silicon based MEMS fabrication technology - Measurement method of impact resistance of nanostructures, 02/21/2025

Standard voltages, current ratings and frequencies (TC 8)

8C/124/NP, PNW TS 8C-124 ED1: General Guideline for the Carbon Emission Monitoring and Assessment in Interconnected Electric Power Systems, 04/04/2025

8C/125/NP, PNW TS 8C-125 ED1: Technical Guidelines for the Function and Project Design of Ac-to-Dc Line Conversions, 04/04/2025

Surface mounting technology (TC 91)

91/2013/CD, IEC 61189-3-720 ED1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-720: Test methods for interconnection structures (circuit boards) - Transmission loss test method for high frequency multilayer circuit boards, 03/07/2025

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

121A/635(F)/CDV, IEC 60947-10 ED1: Low-voltage switchgear and controlgear - Part 10: Semiconductor Circuit-Breakers, 03/28/2025

(TC)

CIS/F/884/CD, CISPR 14-1/FRAG7 ED8: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, 03/07/2025

CIS/B/853/DPAS, CISPR PAS 38 ED1: Requirements for radio beam wireless power transfer (RB-WPT) equipment, 03/07/2025

SyCSmartEnergy/289/DTS, IEC SRD 63417 ED1: Guidance and plan to develop smart energy ontologies, 03/07/2025

SyCAAL/380/CD, ISO TS 25558 ED1: Ageing societies - A Guide to enhancing safety and convenience for older persons in smart home environment, 04/04/2025

(TC 123)

123/111/CD, IEC 63223-2 ED1: Management of network assets in power systems - Risk-informed decision-making process, 03/07/2025

ISO/IEC JTC 1, Information Technology

(TC 41)

JTC1-SC41/488/CD, ISO/IEC TR 30123 ED1: Internet of Things (IoT) - Guidance on IoT application to home healthcare, 03/07/2025

(TC 43)

JTC1-SC43/125/CD, ISO/IEC TS 27571 ED1: Information Technology - Brain-computer Interfaces - BCI data format for Non-Invasive brain information collection, 03/07/2025

Newly Published ISO & IEC Standards

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

ISO Standards

Additive manufacturing (TC 261)

ISO/ASTM TS 52949:2025, Additive manufacturing of metals - Qualification principles - Installation, operation and performance (IQ/OQ/PQ) of PBF-EB equipment, $54.00

Agricultural food products (TC 34)

ISO 18363-2:2025, Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 2: Method using slow alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol, $166.00

Biological evaluation of medical and dental materials and devices (TC 194)

ISO 10993-4:2017/Amd 1:2025, - Amendment 1: Biological evaluation of medical devices - Part 4: Selection of tests for interactions with blood - Amendment 1, $23.00

Brand evaluation (TC 289)

ISO 11778:2025, Brand evaluation - Tourism city, $81.00

Building construction (TC 59)

ISO 19650-6:2025, Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 6: Health and safety information, $166.00

Concrete, reinforced concrete and pre-stressed concrete (TC 71)

ISO 13315-2:2025, Environmental management for concrete and concrete structures - Part 2: System boundary and inventory data, $194.00

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

ISO 8601-2:2019/Amd 1:2025, - Amendment 1: Date and time - Representations for information interchange - Part 2: Extensions - Amendment 1: Canonical expressions, extensions to time scale components and date time arithmetic, $23.00

Fasteners (TC 2)

ISO 3506-3:2025, Fasteners - Mechanical properties of corrosion resistant stainless steel fasteners - Part 3: Set screws (and similar fasteners not under tensile stress) with specified grades and hardness classes, $81.00

ISO 3506-4:2025, Fasteners - Mechanical properties of corrosion-resistant stainless steel fasteners - Part 4: Tapping screws with specified grades and hardness classes, $124.00

Fine ceramics (TC 206)

ISO 19618:2025, Fine ceramics (advanced ceramics, advanced technical ceramics) - Measurement method for normal spectral emissivity using blackbody reference with an FTIR spectrometer, $124.00

Fireworks (TC 264)

ISO 22863-13:2025, Fireworks - Test methods for determination of specific chemical substances - Part 13: Qualitative detection of elemental metals in firework compositions, $54.00

Gas cylinders (TC 58)

ISO 11118:2025, Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods, $194.00

Geographic information/Geomatics (TC 211)

ISO 19168-1:2025, Geographic information - Geospatial API for features - Part 1: Core, $250.00

Industrial fans (TC 117)

ISO 5801:2017/Amd 1:2025, - Amendment 1: Fans - Performance testing using standardized airways - Amendment 1, $23.00

Mechanical vibration and shock (TC 108)

ISO 18436-3:2025, Condition monitoring and diagnostics of machines - Requirements for training and certification of personnel - Part 3: Requirements for training bodies and the training process, $81.00

Nuclear energy (TC 85)

ISO 20553:2025, Radiation protection - Monitoring of workers occupationally exposed to a risk of internal contamination with radioactive material, $194.00

ISO 22765:2025, Nuclear fuel technology - Sintered (U,Pu)02 pellets - Guidance for ceramographic preparation for microstructure examination, $81.00

Petroleum products and lubricants (TC 28)

ISO 22854:2025, Liquid petroleum products - Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel - Multidimensional gas chromatography method, $194.00

Plastics (TC 61)

ISO 19350:2025, Recycled carbon fibre - Determination of tensile strength distribution and interfacial shear strength of single filament embedded in matrix polymer, $81.00

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

ISO 16486-3:2025, Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 3: Fittings, $166.00

Pulleys and belts (including veebelts) (TC 41)

ISO 5284:2025, Conveyor belts - List of equivalent terms, $124.00

ISO 12046:2025, Synchronous belt drives - Automotive belts - Determination of physical properties, $81.00

Refrigeration (TC 86)

ISO 14903:2025, Refrigerating systems and heat pumps - Qualification of tightness of components and joints, $194.00

Rolling bearings (TC 4)

ISO 16281:2025, Rolling bearings - Methods for calculating the modified reference rating life for universally loaded rolling bearings, $223.00

ISO 17956:2025, Rolling bearings - Method for calculating the effective static safety factor for universally loaded rolling bearings, $81.00

Rubber and rubber products (TC 45)

ISO 2475:2025, Chloroprene rubber (CR) - General-purpose types - Evaluation procedure, $124.00

Ships and marine technology (TC 8)

ISO 20679:2025, Ships and marine technology - Marine environment protection - Testing of ship biofouling in-water cleaning systems, $223.00

(TC 321)

ISO 32112:2025, Transaction assurance in E-commerce - Relevant factors of evaluation and selection of indicators, $166.00

Terminology (principles and coordination) (TC 37)

ISO 24617-12:2025, Language resource management - Semantic annotation framework (SemAF) - Part 12: Quantification, $223.00

Tourism and related services (TC 228)

ISO 16520:2025, Tourism and related services - Restaurants and catering - Vocabulary, $124.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 5700:2025, Tractors for agriculture and forestry - Roll-over protective structures - Static test method and acceptance conditions, $223.00

ISO 21120:2025, Machinery for forestry - Forestry mulching equipment - Terms, definitions and commercial specifications, $124.00

ISO 6489-5:2019/Amd 1:2025, - Amendment 1: Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 5: Specifications for non-swivel clevis couplings - Amendment 1, $23.00

ISO 4254-20:2025, Agricultural machinery - Safety - Part 20: Grape, olives and coffee harvesters, $124.00

Transport information and control systems (TC 204)

ISO 21219-21:2025, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 21: Geographic location referencing (TPEG-GLR), $194.00

Welding and allied processes (TC 44)

ISO 14343:2025, Welding consumables - Wire electrodes, strip electrodes, wires and rods for arc welding of stainless and heat resisting steels - Classification, $166.00

ISO Technical Reports

Banking and related financial services (TC 68)

ISO/TR 22126-2:2025, Financial services - Semantic technology - Part 2: OWL representation of the ISO 20022 metamodel and e-repository, $223.00

Building construction (TC 59)

ISO/TR 18961:2025, Buildings and civil engineering works - Seismic resilience assessment and strategies - Compilation of relevant information, $124.00

Geosynthetics (TC 221)

ISO/TR 18228-5:2025, Design using geosynthetics - Part 5: Stabilization, $223.00

Information and documentation (TC 46)

ISO/TR 24332:2025, Information and documentation - Blockchain and distributed ledger technology (DLT) in relation to authoritative records, records systems and records management, $194.00

(TC 334)

ISO/TR 33402:2025, Good practice in reference material preparation, $223.00

Traditional Chinese medicine (TC 249)

ISO/TR 23975:2025, Traditional Chinese medicine - Priority list of single herbal medicines for developing standards, $278.00

Transport information and control systems (TC 204)

ISO/TR 25221:2025, Electronic fee collection - Image-based tolling systems - Measurable characteristics, $166.00

ISO Technical Specifications

Health Informatics (TC 215)

ISO/TS 81001-2-1:2025, Health software and health IT systems safety, effectiveness and security - Part 2-1: Coordination - Guidance and requirements for the use of assurance cases for safety and security, $223.00

Industrial automation systems and integration (TC 184)

ISO/TS 23164:2025, Automation systems and integration - Core vocabulary for industrial data, $223.00

Transport information and control systems (TC 204)

ISO/TS 7815-1:2025, Intelligent transport systems - Telematics applications for regulated commercial freight vehicles (TARV) using ITS stations - Part 1: Secure vehicle interface framework and architecture, $166.00

ISO/TS 7815-2:2025, Intelligent transport systems - Telematics applications for regulated commercial freight vehicles (TARV) using ITS stations - Part 2: Specification of the secure vehicle interface, $54.00

ISO/TS 21219-13:2025, Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) - Part 13: Public transport information service (TPEG2-PTS), $250.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 15416:2025, Automatic identification and data capture techniques - Bar code print quality test specification - Linear symbols, $223.00

ISO/IEC 15434:2025, Information technology - Automatic identification and data capture techniques - Syntax for high-capacity ADC media, $194.00

ISO/IEC 19566-7:2022/Amd 1:2025, - Amendment 1: Information technologies - JPEG systems - Part 7: JPEG linked media format (JLINK) - Amendment 1: Revision to the JLINK XMP expressions, $23.00

IEC Standards

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

IEC 61196-1-108 Ed. 3.0 en:2025, Coaxial communication cables - Part 1-108: Electrical test methods - Test for phase, phase constant, phase and group delay, propagation velocity, electrical length, and mean characteristic impedance, $148.00

IEC 61196-1-112 Ed. 2.0 en:2025, Coaxial communication cables - Part 1-112: Electrical test methods - Test for return loss and voltage standing wave ratio, $193.00

Ultrasonics (TC 87)

IEC 62127-2 Ed. 2.0 b:2025, Ultrasonics - Hydrophones - Part 2: Calibration for ultrasonic fields, $483.00

IEC Technical Reports

Flat Panel Display Devices (TC 110)

IEC/TR 63340-1 Ed. 1.0 en:2025, Electronic displays for special applications - Part 1: General introduction, $148.00

International Organization for Standardization (ISO)

Call for comment on ISO 26000:2010

Comment Deadline: January 17, 2025

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

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

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

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

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

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

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

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

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

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 157 – Non-systemic contraceptives and STI barrier prophylactics

Reply Deadline: 2025-03-15

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Malaysia (DSM), the ISO delegated Secretariat of ISO/TC 157, wishes to relinquish the role of the Secretariat.

ISO/TC 157 operates under the following scope:

Standardization of non-systemic contraceptives and sexually transmitted infections (STI) barrier prophylactics.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 157. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

Information concerning the United States acquiring the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 37/SC 2 – Terminology workflow and language coding

Reply Deadline: 2025-03-15

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Canada (SCC), the ISO delegated Secretariat of ISO/TC 37/SC 2, wishes to relinquish the role of the Secretariat.

ISO/TC 37/SC 2 operates under the following scope:

Standardization of terminological methods and applications for languages and linguistic content.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 37/SC 2. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

Information concerning the United States acquiring the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

Call for U.S. TAG Administrator

ISO/TC 321 – Transaction assurance in E-commerce

Comment Deadline: January 17, 2025

ANSI has been informed that Accredited Standards Committee X9, Inc. Financial Industry Standards (ASC X9), the ANSI-accredited U.S. TAG Administrator for ISO/TC 321, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 321 operates under the following scope:

Standardization in the field of "transaction assurance in e- commerce related upstream/downstream processes", including the following:

- *Assurance of transaction process in e-commerce (including easier access to e-platforms and estores);*
- *Protection of online consumer rights including both prevention of online disputes and resolution process;*
- *Interoperability and admissibility of inspection result data on commodity quality in cross-border e-commerce;*
- *Assurance of e-commerce delivery to the final consumer.*

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

International Organization for Standardization (ISO)

Establishment of ISO/IEC Joint Technical Committee

Smart and Sustainable Cities and Communities

Comment Deadline: February 7, 2025

AFNOR, the ISO member body for France, has submitted to ISO a proposal to establish a new ISO/IEC Joint Technical Committee (JTC) on Smart and Sustainable Cities and Communities to consolidate the range of different initiatives into one structure.

Here is the proposed scope statement:

Standardization in the field of smart and sustainable cities and communities, including the development of requirements, frameworks, guidance and supporting techniques and tools related to the achievement of sustainable development.

The scope includes resilience and disaster risk reduction, sustainability and sustainable mobility and transport, community infrastructure, climate change mitigation and adaptation, digitalization, and ICT and system aspects only as it pertains to and helps all cities and communities and their interested parties, in both rural and urban areas, become more sustainable and smarter. It also fosters the development of standards with electrotechnology to support the integration, interoperability and effectiveness of city systems.

It recognizes the strategic importance of collaborating with, building on and highlighting the work of existing ISO, IEC and Joint Technical Committees, to ensure a coherent set of standards.

JTC4 is responsible for the overall system aspects and infrastructure aspects of smart and sustainable cities and communities, as well as the coordination of the overall ISO/IEC work program in this field including the schedule for standards development, taking into account the work of existing international standardization bodies and existing work of ISO and IEC technical committees"

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, February 7, 2025.

New Secretariats

ISO Committee 327 – Natural Stones

Comment Deadline: Feb 3, 2025

The Natural Stone Institute (NSI) has requested ANSI to delegate the responsibilities of the administration of the ISO/TC 327 secretariat to NSI. The secretariat was previously held by ANSI and the secretariat transfer is supported by the U.S. TAG. ISO/TC 327 operates under the following scope:

Standardization of definitions, requirements and test methods for natural stones relating to rough blocks, slabs, semifinished and finished products intended for use in in flooring/pavement, stairs, wall veener/cladding, countertops and other uses for both interior and exterior applications.
Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team (isot@ansi.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.

Appeals Activity Summary

2024 Appeal and Complaint Decisions

Below is a summary of appeal and complaint decisions issued in 2024. Questions may be directed to psa@ansi.org.

ANSI Board of Standards Review (BSR) Appeals

The ANSI BSR did not hear any appeals in 2024.

ANSI Executive Standards Council (ExSC) Appeals and Complaints
1.Complaint filed against NFPA, challenging NFPA's approval, as an ANSI Audited Designator, of NFPA 70 -2023 *National Electrical Code* as an American National Standard (ANS). Complaint denied.
2.Remand by the ANSI Appeals Board of a joint appeal challenging the ExSC's decision to dismiss a joint complaint against ASHRAE's approval, as an ANSI Audited Designator, of addendum j to ASHRAE Standard 62.2-2022 *Ventilation and Acceptable Indoor Air Quality in Residential Buildings* as an American National Standard (ANS). Complaint upheld.
3.Appeal of the ANSI ExSC's decision to suspend the status of ACI as an ANSI-Accredited Standards Developer (ASD). Appeal denied.

ANSI Appeals Board Appeals
1.Appeal of the ANSI ExSC compliant decision to dismiss a joint complaint challenging ASHRAE's approval, as an ANSI Audited Designator, of addendum j to ASHRAE Standard 62.2-2022 *Ventilation and Acceptable Indoor Air Quality in Residential Buildings* as an American National Standard (ANS). Appeal remanded to the ANSI ExSC.
2.Appeal of the ANSI Executive Standards Council (ExSC) appeals decision upholding the ExSC's prior decision to suspend the accreditation of the American Concrete Institute (ACI). Appeal dismissed.

U.S. National Committee (USNC) to the IEC Appeals
1. Appeal filed with the USNC Technical Management Committee (TMC) of actions taken by the International Society of Automation (ISA), a USNC TMC-appointed USNC TAG Administrator. Appeal dismissed.

PHTA-5 *Standard for Residential Inground Swimming Pools*

REVISIONS – Substantive Changes

LIMITATION: Public Review comments can only be submitted on the revisions shown below. For further information, contact Blake Pavlik, PHTA Standards Department, at standards@phta.org.

1.8 Definitions.

ALTERATION. Any construction or renovation to an existing pool or spa other than repair. See REMODEL.

BEACH ENTRIES. Sloping entries starting above the waterline at deck level and ending below the waterline (Does not refer to sand only); also called "zero entry" ~~ZERO ENTRY~~.

DESIGN WATERLINE. The centerline of the skimmer or other point as defined by the designer of the pool or spa. See WATERLINE.

REMODEL. To install cosmetic changes, accessory add-ons, or modernizations. ~~Can be for either residential or commercial installations.~~

~~RENOVATE. To restore or repair all or part of a pool structure and/or its component parts, including the rebuilding and/or replacing of worn or broken parts. See Remodel.~~

REPAIR. The reconstruction or renewal of any part of a pool or spa for the purpose of its maintenance or to correct damage.

~~SECONDARY DISINFECTION SYSTEMS. Disinfection processes or systems installed in addition to the required primary disinfection systems designed to achieve a minimum 3-log (99.9%) reduction in the number of infective *Cryptosporidium parvum* oocysts per pass. These systems or processes are not required on residential pools and spas for health and safety reasons.~~

WATERLINE. The waterline shall be defined in one of the following ways:

1. Skimmer system: The waterline shall be at the midpoint of the operating range of the skimmers when there are no users in a pool or spa.
2. Overflow system: The waterline shall be at the top of the overflow rim.

See DESIGN WATERLINE.

9.1.3 Turnover and water clarity. Depending on the size (volume) of the pool, use the formulas below: ~~the pool filtration flow rate shall not be greater than the rate needed to turn over the pool water volume in six hours using the equation below or 36 gpm, whichever is greater. Maximum Filtration Flow Rate (gpm, Lpm = pool volume (gallons, liters) / 360. NOTE: These are maximum flow rates. Lower filtration flow rates and longer filtration times are encouraged and will result in added energy savings.~~

Maximum Filtration Flow Rate: (gpm or Lpm = pool volume (gallons/ liters)/ 360 mins. (If less than 36 gpm use 36 gpm).

Minimum Filtration Flow Rate: (gpm or Lpm) = pool volume (gallons/liters)/720 mins. (If less than 36 gpm use 36 gpm).

~~Filters shall be at least the size specified in NSF-50 for residential pools intended applications based on the maximum flow rate through the filter.~~ The clarity of the water shall be maintained such that the suction outlet fitting assemblies are visible from the pool deck at all times. For pools and spas without drains, clarity can be checked using another visual aid, such as a pool brush or pool net positioned in the deepest water.

> ~~**9.1.3.1** MAXIMUM FILTRATION FLOW RATE. The flow rate needed to turn over the pool water volume in six hours, or a flow rate of 36 gpm (136.27 Lpm), whichever is greater. MINIMUM FILTRATION FLOW RATE. 12 hours.~~

12 Sanitizing equipment and chemical ~~feeders~~ feed systems

12.1 Equipment standards. Sanitizing and chemical feed equipment, when installed on pools, shall be capable of introducing the quantity of ~~sanitizer~~ chemicals necessary to maintain the appropriate levels under all conditions of intended use.

~~**12.2 pH Feeders.** When used, pH feeders shall be capable of maintaining the pH at all levels of recommended use.~~

12.3 Chemical Feeders. When used, ~~all chemical feed equipment such as flowthrough chemical feeders, electrolytic chemical generators, mechanical chemical feeders, chemical feed pumps, and automatic controllers shall be listed and labeled in compliance with NSF-50.~~ chemical feed systems shall be installed in accordance with the manufacturer's specifications~~. Chemical feed pumps~~ and shall be ~~wired~~ installed so that they cannot operate unless there is adequate return flow to disburse the chemical throughout the pool as designed.

12.4 Supplemental Treatment Systems. When used, supplemental treatment systems shall be installed per manufacturer's instructions.

> ~~**12.4.1 Ozone Systems.** Ozone systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine generator means that meets the requirements of this standard.~~
>
> ~~**12.4.2 Ultraviolet (UV) light Systems.** UV systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine generator means that meets the requirements of this standard.~~
>
> ~~**12.4.3 Metal-based systems.** Copper/silver ion systems shall be installed only in conjunction with an EPA-registered sanitizer means or chlorine/bromine generator means that meets the requirements of this standard.~~

14.1 Written operation and maintenance instructions. At completion of construction, written and/or digital equipment operation and maintenance instructions shall be provided to the homeowner ~~for the circulation system~~.

BSR/UL 2252, Standard for Safety for Adapters for use with Electric Vehicle Couplers

1. The First Edition of the Standard for Adapters for use with Electric Vehicle Couplers is being proposed as an American National Standard and National Standard of Canada.

PROPOSAL

1.3A This standard does not cover cable assemblies with an EV plug and an EV connector for connecting an EV socket-outlet to an EV vehicle inlet.

5.2A EMERGENCY SHUTDOWN – The state that an EVSE or EV transitions to in the event of a hazardous fault condition. In this state an EVSE or EV will restrict energization or energy flow such that hazards of fire or electrical shock are prevented.

6.2 This standard addresses devices that contain the following configurations. The configuration used shall meet the indicated standard including all peripheral aspects such as retaining means, latching means, and interlocks. Devices are not allowed to make and break under load during normal operation. Devices are only intended for use with infrastructure equipment that is shown to comply with UL 2202 and CSA C22.2 No. 346 or UL 2594 and CSA C22.2 No. 280.

a) Type 1 – As described in SAE J1772 and IEC 62196-2;

b) Type 2 – As described in IEC 62196-2 or SAE J3068;

c) North American Charging Standard (NACS) – As described in SAE J3400;

d) CHAdeMO – Configuration AA as described in IEC 62196-3;

e) CCS1 – Configuration EE as described in IEC 62196-3; and

f) CCS2 – Configuration FF as described in IEC 62196-3.

~~Note: The configuration used shall meet the indicated standard above including all peripheral aspects such as retaining means, latching means, and interlocks. Devices are not allowed to make and break under load during normal operation. Devices are only intended for use with infrastructure equipment that is shown to comply with UL 2202 and CSA C22.2 No. 346 or UL 2594 and CSA C22.2 No. 280.~~

6.3 Devices covered by this standard are to be two halves – the infrastructure interface and the vehicle interface – joined into one integral piece. Each interface is provided with one of the configurations from 6.2. Devices with cable in between the interfaces are allowed. The cable shall be suitably rated for the voltage involved and sized according to the rating of the device. The cable shall comply with the requirements of UL 2263 and CSA C22.2 No. 332. For adapters with cable in excess of 300 mm (12 inches), the mating face for the infrastructure interface, when mated with the applicable vehicle connector, shall be able to meet the enclosure rating in accordance with Environmental Considerations, Section 7.6.

6.4A With reference to 6.4, the voltage rating of an adapter shall be 1000 V for an adapter that has any interface configured for NACS, CHAdeMO, CCS1 and CCS2. If the interfaces are only Type 1 or Type 2, then the voltage rating shall be ~~240~~ 300 V.

12.4 For devices, during the inserting phase of the adapter into the vehicle inlet the contact for grounding shall be connected before the connection of the live contacts of the adapter are made.

Table 16.3

Test Group C

Test Number	Section Number	Test Name	Note
1	30	Grounding Path Current Test	Only required for non-isolated systems
2	7.6	Environmental Considerations – (Icing Test)	Required for Type 3R, if higher Type rating specified, tests will change
3	18	Mold Stress Relief Test	
4	39A	Insulated Pin Cap Test	

21.3 The devices shall be tested with no mating devices. The insulation resistance shall be measured consecutively between the body and all live poles connected together; and between each live pole and the other poles one at a time. For the purposes of this test, the neutral contact is considered a pole and the signal contacts and ground (pilot, proximity and ground) together are considered a pole.

22.1 All devices shall withstand, without breakdown, the test potential applied in accordance with ~~21.4~~ 22.4 for one minute between:

a) Live parts of opposite polarity;

b) Live parts, including secondary or low voltage circuits, and ground; and

c) Secondary or low voltage circuits and live parts.

26.4.2 A vehicle connector, with cable, that has been shown to be in compliance with UL 2251, is to be used for this test. The free end of the cable, which is to be approximately 2250 mm (90 inches) long, shall be fixed at a height of 1~~.2~~ m (~~47.2~~ 39.3 inches) above the floor. The device is then mated as intended with the vehicle connector.

Table 35.1

Temperature locations and maximum temperature

Location	Maximum Temperature °C (°F)
Contacts	~~100 (212)[a]~~ 90 (194)[a]
Wiring terminals	~~100 (212)[a]~~ 90 (194)[a]
Internal wiring	a
Cable at entry to connector body	b, c
[a] Maximum temperature shall not exceed the rating of the wiring used in Table 35.2. [b] Maximum temperature shall be in accordance with Table 35.2. [c] Refer to Table 35.3 to evaluate possibilities of user contact.	

Table 35.3

Maximum surface temperatures

Location	Composition of surface[a]	
	Metallic	Nonmetallic
Handles ~~or~~ knobs, or surfaces[d] that are grasped for lifting, carrying, or holding	50°C (122°F)	60°C (140°F)
Handles or knobs that are contacted but do not involve lifting, carrying, or holding; cables[b], and other surfaces subject to contact and user maintenance	60°C (140°F)	85°C (185°F)
Surfaces subject to casual contact	70°C (158°F)	95°C (203°F)
Surfaces not subject to contact	c	c

[a] A handle, knob, or the like, made of a material other than metal that is plated or clad with metal having a thickness of 0.127 mm (0.005 inch) or less, is considered to be, and is judged as, a nonmetallic part.
[b] For maximum surface temperatures on cables, refer to Table 35.3.
[c] Equivalent to the temperature rating of the material.
[d] For adapters that are carried by hand, the entire adapter body is considered to be a surface that is grasped for lifting, carrying or holding.

39A.1 ~~If insulated~~ Insulated end caps ~~are provided, they~~ shall not show any of the following signs of damage as a result of the test in this section.

a) No part shall become detached from its fixed position;

b) No part shall move or loosen such that normal operation is impaired;

c) No part shall be deformed such that normal operation is impaired;

d) No uninsulated live part shall be rendered accessible;

e) No reduction in required spacings shall occur; and

f) No other damage that would indicate an increased risk of fire or shock.

39B.1.2 Compliance with these tests will reference when the thermal control system is allowed to operate and when it is not. For normal operation, there shall be no need for intervention. As such, the thermal control system cannot operate under conditions of maximum rated current and maximum recommended ambient temperature. In the cases of the overcurrent and high current tests, the thermal control system is expected to terminate the test by opening the connection and shutting down current flow due to temperature control, initiating a shutdown by the EVSE by opening communication lines, or the equivalent. If the thermal control system does not terminate the test at any test condition, the maximum temperatures of the measured locations shall not exceed the limits in Tables 35.1 – 35.3.

BSR/UL 3703, Standard for Safety for Solar Trackers

1. Addition of References to UL 61010-1 for Controllers and Control Systems

PROPOSAL

11A Controllers and Control Systems

11A.1 Controllers and control systems for solar tracker applications shall comply with either the:

a) Requirements in Sections 4 – 29 in this standard, or
b) Standard for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements, UL 61010-1, or
c) Standard for Industrial Control Equipment, UL 508.

11A.2 For controller enclosures used in outdoor applications, enclosure type rating (see Section 4.9, Environmental Rated Enclosures) and material requirements with respect to exposure to Ultraviolet Light, Water Exposure and Immersion (see Section 4.5, Nonmetallic Enclosures) shall apply.

APPENDIX A#

Note from ULSE Standards Project Manager: The entire Appendix A is not being shown. Only the proposed change is being provided.

Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements – UL 61010-1

BSR/UL 4248-1, Standard for Safety for Fuseholders – Part 1: General Requirements

1. Addition of "Short-Circuit Current Rating" as an equivalent term

PROPOSAL

4.2.3 SHORT-CIRCUIT WITHSTAND RATING or SHORT-CIRCUIT CURRENT RATING – The maximum available fault current for which a fuseholder is rated.

NOTE: The term Short-Circuit Current Rating is considered equivalent to the term Short-Circuit Withstand Rating within this document and subsequent parts.

2. Clarification on wire length for temperature test

PROPOSAL

11.4.1 The fuseholder shall be mounted in the horizontal plane in accordance with the requirements in the relevant subsequent Part. All connections shall be made using standard general use thermoplastic insulated or rubber covered building wire at least 1.2 m long per terminal, as specified in Table 10.2. For fuseholders marked for use with 60 °C and 75 °C ampacity conductors, the ampacity corresponding to the 75 °C column shall be used.

Public Review Draft

Proposed Addendum e to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

Second Public Review (January 2025)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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

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

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

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

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

(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

Addendum e ISC makes modifications based on comments from the first public review. The first change is to use the more general term 'roof' and not the italicized term that restricts the provisions to locations that are defined in the 90.1 definition. Therefore, the term is changed in 5.3.5.3 (a) and (b) for it to be consistently applied. In addition, summer solstice is clear in this context. The second change is modification of exception for stone ballasted roofs that reinstates a minimum weight of 17 lb/ft^2 (83 kg/m^2) in climate zones 4A and 4B.

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

Addendum e, 2nd PR ISC to 189.1-2023

Modify Section 5.3.5.3 as follows:

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

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

Exceptions to 5.3.5.3:

1. Roofs where not less than 75% of the roof surface is shaded during the peak sun angle on the summer solstice ~~(June 21 in the northern hemisphere)~~ by permanent components or features of the *building,* including adjacent buildings or structures.
2. Existing buildings in Climate Zones 4A and 4B undergoing roof replacement.
3. Roofs with exposed concrete used as a parking deck, provided that they have a minimum initial *SRI* of 29. A default *SRI* value of 35 for new concrete without added color pigment is allowed to be used instead of measurements.
4. Stone ballasted roofs ~~*roofs*~~ in Climate Zones 4A and 4B having a weight of not less than 17 lb/ft^2 (83 kg/m^2).
5. Portions of the roof covered by permanently installed objects such as HVAC systems, solar energy systems, decks, and walkways.
6. Vegetated terrace and roofing systems complying with Section 5.3.5.5.

Public Review Draft

Proposed Addendum k to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

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

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

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

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ASHRAE, 180 Technology Pkwy 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

This Addendum modifies portions of section 10 dealing with outdoor air monitoring in the maintenance plan. It simplifies the requirements and eliminates duplication by relying on requirements in Standard 62.1.

[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 k to 189.1-2023

Modify Section 3 as follows:

~~***maintenance plan:*** **see *maintenance program* in ANSI/ASHRAE/ACCA Standard 180.**~~

Modify Section 10.9.8 as follows:

10.9.8 Maintenance Plan. A ~~*maintenance plan*~~ maintenance plan shall be developed for mechanical, electrical, plumbing, and fire protection systems. The plan shall include the following:

a. The plan shall be in accordance with ASHRAE/ACCA Standard 180 for HVAC systems in all buildings within the scope of Standard 180.

b. The plan shall describe required inspection and maintenance tasks and frequency for electrical and plumbing systems.

c. *Outdoor air* delivery monitors required by Section 8.3.2.2 shall be visually inspected at least once each quarter and cleaned or repaired, as necessary, and calibrated at the manufacturer's recommended interval or not less than once per year, whichever is more frequent.

Exception to 10.9.8 c. Systems qualifying for the exception to Section 8.3.2.2

~~d. For systems with a damper indicator and with less than 2000 cfm (1000 L/s) of supply air, the system components that control the minimum outdoor airflow shall be visually inspected every two years. Records of this inspection shall be~~

~~maintained on-site either in electronic or written form.~~

~~e~~d. Documentation of the plan and of completed maintenance procedures shall be maintained on the building site at all times in either:

1. Electronic format for storage on the building energy management system, building management system (BMS), computerized maintenance management system (CMMS), or other computer storage means, or

2. Maintenance manuals specifically developed and maintained for documenting completed maintenance activities.

Modify Section 10.10 as follows:

10.10.1 Operation and Maintenance (O&M) Manual. An O&M manual shall be prepared that complies with ASHRAE Standard 62.1, Section 8.2, with the following modification:

Table 8-1 lines “ad” (sensor calibration) and “ae” (outdoor air verification) shall be performed at intervals of not more than two years.

10.10.2 Outdoor Airflow Faults ~~Monitoring~~. ~~The procedures for a regular outdoor airflow monitoring program after building occupancy shall be specified and shall comply with the following subsections.~~

~~**10.10.2.1** For each mechanical ventilation system, including direct outdoor airflow measurement as required by Section 8.3.2.2, and all 100% outdoor air systems, operation and calibration procedures and schedules shall be provided. Records shall be maintained for operation checks and recalibration efforts and shall be reported at intervals of not more than three months. Records of verifications and recording of minimum outdoor airflow required by Section 8.3.1 shall be provided.~~

~~Exception to 10.10.2.1. Systems qualifying for the exception to Section 8.3.2.2 that are not 100% outdoor air systems~~

~~10.10.2.2 For each constant-volume system with supply airflow greater than 2000 cfm (1000 L/s) with damper indicators as permitted by the exception to Section 8.3.2.2, procedures to verify and record the minimum outdoor airflow required by Section 8.3.1 shall be provided. Such procedures shall use methods specified in ANSI/ASHRAE Standard 111 and implemented at intervals of not more than two years.~~

~~10.10.2.3~~ For each mechanical ventilation system, procedures shall be provided to respond to notification of an outdoor air fault condition or to indications that the outdoor air damper is out of position.

The rest of the language shown is considered below the line, considered informative for the review and ineligible for comment.

***Note to reviewers. 10.10.1** above requires that the O&M manual comply with **Standard 62.1, Section 8.2.** See below from 62.1-2022. There is a draft Addendum h to 62.1-2022 that changes this table. Therefore, future versions of 189.1 section 10.10.1 may need further revision to reference the revised table.*

8.2 O&M Manual. An O&M manual, either written or electronic, shall be developed and maintained on site or in a centrally accessible location for the working life of the applicable ventilation system equipment or components. This manual shall be updated as necessary. The manual shall include the O&M procedures, ventilation system operating schedules and any changes made thereto, final design drawings, maintenance schedules based on manufacturer instructions, and the maintenance requirements and frequencies provided in Table 8-1.

Excerpt from Table 8.1 from 62.1-2022 that is invoked by reference to 8.2 O&M Manual.

ad. Verify the accuracy of permanently mounted sensors whose primary function is outdoor air delivery monitoring, outdoor air delivery verification. or dynamic minimum outdoor air control such as flow stations at an air handler and those used for demand controlled ventilation, including CO2 sensors. A sensor failing to meet the accuracy specified in the O&M manual shall be recalibrated or replaced. Performance verification shall include output comparison to a measurement reference standard consistent with those specified for similar devices in ASHRAE Standard 41.2 or ASHRAE Standard 111.	5 years
ae. Verify the total quantity of outdoor air delivered by air handlers set to minimum outdoor air mode. If measured minimum airflow rates are less than the design minimum rate documented in the O&M manual, +- 10% balancing tolerance, (1) confirm the measured rate does not conform with the provisions of this standard and (2) adjust or modify the air-handler components to correct the airflow deficiency. Ventilation systems shall be balanced in accordance with ASHRAE Standard 111 or its equivalent, at least to the extent necessary to verify conformance with the total outdoor airflow and space supply airflow requirements of this standard. **Exception**: Units under 2000 cfm (1000 L/s) of supply air are exempt from this requirement.	5 years

Note to reviewers: See exception to 8.3.2.2, below, that is referenced in Section 10.

8.3.2.2 Monitoring Requirements. Each mechanical ventilation system shall have a permanently installed device to measure the minimum outdoor airflow that meets the following requirements:

a. The device shall employ methods described in ANSI/ASHRAE Standard 111.

b. The device shall have an accuracy of ±10% of the minimum outdoor airflow. Where the minimum outdoor airflow varies, as in demand control ventilation (DCV) systems, the device shall maintain this accuracy over the entire range of occupancy and system operation.

c. The device shall be capable of notifying the building operator, either by activating a local indicator or sending a signal to a building monitoring system, whenever an outdoor air fault condition exists. Manual reset of the notification shall be required.

Exception to 8.3.2.2: Constant-volume air supply systems that do not employ DCV, that have a minimum outdoor airflow not exceeding 750 cfm (350 L/s), and that use an indicator to confirm that the intake damper is open to the position needed to maintain the design minimum outdoor airflow as determined during system startup and balancing.

BSR/UL 1951, Standard for Safety for Electrical Plumbing Accessories

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

PROPOSAL

30 Materials

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

~~**30A. Parts in Contact with Potable Water**~~

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

BSR/UL 1696, Standard for Safety for Mechanical Protection (MPT) and Fittings

1. Proposed Fourth Edition

PROPOSAL

1.4 This Standard does not apply to tubing with slit or split wall constructions, electrical nonmetallic tubing, liquid-tight flexible non-metallic conduit, flexible metal conduit, liquid-tight flexible metal conduit, jacketed or unjacketed metallic conduit, or EMI/RFI shielding conduits.

This Standard does not apply to fittings for use with cable or conduit, liquid-tight flexible nonmetal conduit, electrical nonmetallic tubing, flexible metal conduit, liquid-tight flexible metal conduit, jacketed or unjacketed metallic conduit, or EMI/RFI shielding conduits and strain-relief of a fitting.

Note 1: Insulating bushings to provide strain-relief for flexible cord and single conductors are covered in the Standard for Insulating Bushings, UL 635, or the Standard for Conduit, Tubing, and Cable Fittings, CSA C22.2 No. 18.3, UL 514B, NMX-J-017-ANCE.

3.17 Nonmetallic Fitting – A fitting constructed completely of nonmetallic materials.

Note: See note in 3.6.

3.1~~7~~8 Nonmetallic MPT – A tubing constructed completely of nonmetallic materials.

3.1~~8~~ 9 ROOM TEMPERATURE - 23 ±5°C (73 ±9°F) and a relative humidity of 50 ±10%

3.1~~9~~20 Sealing Ring – A seal placed around a thread, and fitting used in conjunction with a locknut to provide a seal at a knockout in a box or enclosure.

3.~~20~~21 Working Temperature – The temperature to which the MPT is subjected during its intended use.

6.6.3 For the purpose of this test, a range of sizes of MPT constructed of the same material is permitted to be represented by an intermediate size and by a specimen having the thinnest wall. For the purpose of this test, any one color is permitted to represent the range of colors.