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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.

AMCA (Air Movement and Control Association)

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Revision

BSR/AMCA 610-202x, Laboratory Methods of Testing Airflow Measurement Stations for Performance Rating (revision of ANSI/AMCA Standard 610-2019)
Stakeholders: Airflow measurement station manufacturers, building engineers, product consumers, airflow measurement testing labs, ventilation system engineers.

Project Need: A standard was needed to establish uniform test methods for the determination of the performance characteristics and accuracy of airflow measurement stations under varied airflow rates and conditions. This project will update the procedures.

Interest Categories: • Government agency that has an interest in material related to airflow measurement stations (AMSs);
• Compliance - An advocate of regulations related to AMSs;
• Testing Laboratory;
• User/Purchaser, specifier, or maintainer of AMSs;
• Technical Manager that oversees people in this field;
•Academic Expert;
• Other Expert that is an authority in AMSs;
• General interest in AMSs.

Establishes uniform laboratory test methods for the determination of the performance characteristics and accuracy of airflow measurement stations under varied airflow rates and conditions. The standard covers field-installed airflow measurement stations for heating, ventilating, and air-conditioning applications.

ASA (ASC S12) (Acoustical Society of America)

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New Standard

BSR S12.80-202x, Electrotechnical Test Method for Measuring Self-Noise in Active Hearing Protection Devices (new standard)
Stakeholders: HPD Manufacturers, Occupational Health and Safety Professionals, Military and Law Enforcement, Acoustic Researchers

Project Need: This standard establishes an electromechanical evaluation method for measuring the self-noise of active hearing protection devices (HPDs). Self-noise, commonly perceived as a “hiss” is generated by the electronic components internal to these devices and can interfere with the user’s ability to hear low-level sounds. Devices with high self-noise can be irritating, distracting, and reduce situational awareness by impairing the user’s ability to detect low-level sounds such as speech and environmental cues.

Interest Categories: Government, NGO, User/Producer, Trade, General Interest

This standard establishes a method to evaluate self-noise in active hearing protection devices (HPDs). Self-noise, often perceived as a “hiss” is generated by the electronic components and can interfere with the ability to hear low-level sounds, reducing situational awareness. The method uses an acoustic test fixture to measure the sound pressure level of the self-noise and analyze its spectral content. The resulting metric allows comparison of self-noise across HPDs and supports performance requirements and quality assurance.

ASA (ASC S12) (Acoustical Society of America)

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New Standard

BSR S12.81-202x, Electromechanical Test Method for Measuring Level-Dependent Frequency in Hearing Protection Devices (new standard)
Stakeholders: HPD Manufacturers, Occupational Health and Safety Professionals, Military and Law Enforcement, Acoustic Researchers

Project Need: This standard establishes an electromechanical evaluation method for measuring the level-dependent frequency response of hearing protection devices (HPDs). Level-dependent frequency response refers to the variation in a device’s attenuation characteristics across different sound pressure levels (SPL).

Interest Categories: Government, NGO, User/Producer, Trade, General Interest

This standard measures the level-dependent frequency response of hearing protection devices (HPDs), which indicates how attenuation changes with sound pressure levels (SPL). The method uses an acoustic test fixture to measure insertion loss across frequencies and SPLs. The results provide frequency-resolved, level-dependent insertion loss, which is then summarized into a single metric that characterizes the HPD’s ability to protect against varying sound levels.

ASA (ASC S12) (Acoustical Society of America)

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New Standard

BSR S12.82-202x, Electromechanical Test Methods for Measuring Signal Quality of Hearing Protection Devices (new standard)
Stakeholders: HPD Manufacturers, Occupational Health and Safety Professionals, Military and Law Enforcement, Acoustic Researchers

Project Need: This standard establishes an electromechanical evaluation method for measuring the signal quality of hearing protection devices (HPDs). Signal quality refers to the fidelity of sound transmitted through a HPD relative to an unprotected ear, regardless of source level.

Interest Categories: Government, NGO, User/Producer, Trade, General Interest

This standard measures the signal quality of hearing protection devices (HPDs), which refers to how faithfully sound is transmitted through the HPD compared to an unprotected ear. HPDs distort sound, reducing signal fidelity and degrading situational awareness, communication, and sound localization. The method uses an acoustic test fixture and applies the Speech Intelligibility Index (SII) from ANSI/ ASA 53.5-2020 to generate a single metric, enabling comparison across HPDs and ensuring performance and quality.

ASA (ASC S12) (Acoustical Society of America)

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New Standard

BSR S12.83-202x, Electromechanical Test Method for Measuring Sound Localization in Hearing Protection Devices (new standard)
Stakeholders: HPD Manufacturers, Occupational Health and Safety Professionals, Military and Law Enforcement, Acoustic Researchers

Project Need: This standard establishes an electromechanical evaluation method for estimating the effects hearing protection devices (HPDs) have on sound localization with respect to both azimuth and elevation. HPDs distort spatial acoustic cues that are used to determine the direction of a sound source.

Interest Categories: Government, NGO, User/Producer, Trade, General Interest

HPDs distort spatial acoustic cues used to determine sound direction, leading to confusion in auditory perception and reduced situational awareness. This standard evaluates the disruption of sound transmitted from a hemispherical speaker array to a test fixture, assessing how HPD shape, size, and fit impact localization cues. The disruption is quantified using a single-number metric based on measurement uncertainty, interaural time difference, interaural level difference, and spectral distortion.

CTA (Consumer Technology Association)

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New Standard

BSR/CTA 2134-202x, Best Practices and Performance Requirements for Womens Health Technologies (new standard)
Stakeholders: Consumers, manufacturers, retailers

Project Need: Develop a standard that will provide general best practices when developing technology to ensure women’s health is considered.

Interest Categories: User, producer, general interest

Develop a standard that will provide general best practices when developing technology to ensure women’s health is considered. Best practices will be outlined through the lens of women’s lifecycle (e.g., Perimenopause/menopause and methodologies of measurement).

HL7 (Health Level Seven)

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Revision

BSR/HL7 CQLANG, E2-202x, HL7 Specification: Clinical Quality Language, Edition 2 (revision of ANSI/HL7 CQLANG, R1 -2020)
Stakeholders: Academic/Research, Association/Goverment Agency, Consultant, Healthcare IT Vendors, Healthcare Provider/user, Payer/Third Party Administrator, Providers, Regulatory Agency, Standards Development Organizations (SDOs), Vendor/Manufacturer

Project Need: This project will address industry needs for standardizing CQL implementations for quality improvement including decision support and quality measurement, as well as other domains where CQL has been used such as burden reduction and public health reporting.

Interest Categories: Clinical and Public Health Laboratories Immunization Registries Quality Reporting Agencies Standards Development Organizations (SDOs) Regulatory Agency Payors Pharmaceutical Vendors EHR, PHR Vendors Health Care IT Vendors Clinical Decision Support Systems Vendors Lab Vendors Emergency Services Providers Local and State Departments of Health Medical Imaging Service Providers Healthcare Institutions (hospitals, long term care, home care, mental health)

Clinical Quality Language (CQL) is a high-level, domain-specific language focused on clinical quality improvement and targeted at measure and decision support artifact authors and implementers. In addition, this specification describes a machine-readable canonical representation called Expression Logical Model (ELM) targeted at implementations and designed to enable sharing of clinical knowledge. This version of the CQL specification promotes STU content from the 1.5 version to normative status, as well as introduces additional STU content for new features, including new terminology operators, new capabilities for describing types, as well as functional properties in types. For a complete list of changes refer to the change log page.

HL7 (Health Level Seven)

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Revision

BSR/HL7 EHR BHFP, E2-202x, HL7 EHR Behavioral Health Functional Profile, Edition 2 (revision of ANSI/HL7 EHR BHFP, R1-2008 (R2024))
Stakeholders: Association/Government Agency, Healthcare IT Vendors, Healthcare Provider/user, Patients, Payer/Third Party Administrator, Providers, Vendor/Manufacturer

Project Need: This Project will develop standards to support the current needs of the Behavioral Health community in terms of functional and data requirements (i.e., functions of EHR/HIT systems and data capture, exchange and use), partly by updating the Behavioral Health Functional Profile, originated in 2008.

Interest Categories: Clinical and Public Health Laboratories Immunization Registries Quality Reporting Agencies Standards Development Organizations (SDOs) Regulatory Agency Payors Pharmaceutical Vendors EHR, PHR Vendors Health Care IT Vendors Clinical Decision Support Systems Vendors Lab Vendors Emergency Services Providers Local and State Departments of Health Medical Imaging Service Providers Healthcare Institutions (hospitals, long term care, home care, mental health)

This project will include an updated HL7 Behavioral Health Functional Profile (BHFP) and an HL7 FHIR Behavioral Health FHIR Implementation Guide, titled “US Behavioral Health Profiles”, as a part of this project. This IG will focus on the USCDI+ BH data elements mapping to FHIR and user stories associated with these data elements. This will draw from work on the behavioral health dataset emerging in USCDI+, a joint development of the US Office of National Coordinator (ONC), the Substance Abuse and Mental Health Services Administration (SAMHSA) and others. The project will also take into account EHR/HIT system functional requirements as specified in the HL7 Behavioral Health Functional Profile (BHFP) – an earlier product the HL7 EHR Work Group – which will be updated to reflect current behavioral health practice needs. The Project is intended to support US Realm requirements. We will seek to align with this project: Guidance for Mental Health Advance Directives/Psychiatric Advance Directives (PACIO ADI - FHIR Project). We also plan to review the mental health section and entries in C-CDA to inform the work

HPS (ASC N13) (Health Physics Society)

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Revision

BSR HPS N13.52-202x, Personnel Neutron Dosimeters (Neutron Energies Less than 20 MeV) (revision of ANSI N13.52 -2018)

Stakeholders: Nuclear power, government, medical, dosimetry services

Project Need: ANSI/HPS N13.52 is due for periodic review. We have begun to gather members for the Work Group and concluded that the standard should be revised. If not completed, the standard will be automatically withdrawn in February 2028.

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

This standard provides guidance for routine personal neutron dosimetry for the measurement of personal dose equivalent received by workers in locations with neutron radiation fields. It is applicable to neutrons with energies ranging from thermal to values less than 20 MeV. This standard applies to devices worn by individuals, as contrasted with handheld or fixed-area instrumentation. It does not apply to dosimetry for extremities, general area dose measurement, or for criticality accidents.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3453-202x, Guide for Evaluation and Application of Overall Measurement Uncertainty of Electrical Energy Metering Devices (new standard)
Stakeholders: The universality of this guide relates to power generation, transmission, distribution, power supply and sale enterprises, and power users, manufacturers, sellers of electrical energy meters and transformers, as well as scientific research, technical and educational institutions in the field of metrology.

Project Need: The accuracy of the electrical energy metering devices is directly related to the fairness and justice of the trade settlement, as well as the safety, economy and reliability of the power grid operation. The typical components of the electrical energy metering devices include electrical energy meters, voltage and current transformers in each phase as well as their primary and secondary circuits. The actual comprehensive error of the electrical energy metering devices may have a wide range due to the influence of connection mode, load balance characteristics, and power factor. If users cannot quantify the overall expanded uncertainty or the allowable comprehensive error limit of the electrical energy metering devices under different measurement conditions, they tend to question the overall measurement performance of the electrical energy metering devices and doubt the fairness of the electrical energy trade settlement. The published standards only specify the error limit of each component of the electrical energy metering devices, but do not specify the calculation and evaluation method of the overall expanded uncertainty, the determination method of allowable comprehensive error limit, and the selection method of optimized combination for each component.

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

This guide provides methods for evaluating and expressing the standard uncertainty, combined standard uncertainty, and extended uncertainty of the overall electric energy metering device used in the power grid. Furthermore, the guide provides methods for determining the allowable comprehensive error limit of the overall electric energy metering device. Additionally, the guide provides methods for configuring an optimal combination of energy meters, voltage transformers, and current transformers in electric energy metering devices.
These methods are based on the analysis of the sources of uncertainty of the overall electric energy metering device, including measurement errors of energy meters, transformers, and because of secondary circuit voltage drop. The effects of load balancing characteristics, power factor, and other measurement conditions are also considered.
This guide provides a technical basis and scientific methods for the evaluation and control of the overall metering performance of electric energy metering devices used in a power grid, improving the accuracy and fairness of electric energy metering and trade settlement, and supporting the safe, economic, and reliable operation of a power grid.

MHI (Material Handling Industry)

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Revision

BSR ACE 35-202X, Electrification Systems for Electric Overhead Traveling Cranes (revision and redesignation of ANSI/MHI ECMA 35-2018)
Stakeholders: Manufacturing, material handling, heavy industry

Project Need: This standard was last approved in 2018. The proposed revision clarifies existing language.

Interest Categories: User, Distributor/Integrator, Manufacturer, General Interest

This standard provides minimum requirements and guidelines for alternating current (AC) and direct current (DC) electrification systems for electric overhead, monorail, and gantry traveling cranes. Electrification systems include conductor bars, festoon systems, cable chains, spring driven reels, and motor driven reels.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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Revision

BSR C78.50-202X, Standard for Electric Lamps - Assigned LED Lamp Codes (revision of ANSI C78.50-2016 (R2022))
Stakeholders: Manufacturers, Designers, Testing Laboratories, End Users

Project Need: This revision project is needed to add a new LED Lamp Code for the ED32 Lamp Code Designation (LCD).

Interest Categories: Producers, Users, General Interest

This standard provides physical and electrical characteristics of the group of integrally ballasted solid state lighting (SSL) lamps that have standardized characteristics. Lamps with clear, frosted, opaque, and lens end windows, and with various reflector and/or emitting coatings, are covered. Lamps covered in this standard contain LED-based light sources.

NEMA (National Electrical Manufacturers Association)

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New Standard

BSR/NEMA 70901-202x, Compliance with Domestic Preference Requirements for Infrastructure Projects (new standard)
Stakeholders: Manufacturers, distributors, government agencies, component manufacturers, infrastructure project managers

Project Need: No standard exists to define processes to show compliance with domestic preference requirements.

Interest Categories: Product, User, General Interest, Government, Distributor

This standard is intended to identify the elements of a successful process to assess and apply the Buy America Preference requirements imposed on a company's products under the Build America, Buy America Act (BABA), which applies to infrastructure projects receiving federal financial assistance. This standard is also intended to identify a successful process to document compliance with those requirements or, if necessary, to assess the availability of a waiver of the requirements.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 13D-202x, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1* Scope.
1.1.1. This standard shall cover the design, installation, and maintenance of automatic sprinkler systems for protection against the fire hazards in one- and two-family dwellings, manufactured homes, and townhouses.
1.1.2. This standard shall not provide requirements for the design or installation of water mist fire protection systems, which are not considered fire sprinkler systems and are addressed by NFPA 750.
1.1.3. This standard shall be based on the concept that the sprinkler system is designed to protect against a fire originating from a single ignition location.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 13R-202x, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. This standard shall cover the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height that are located in buildings not exceeding 60 ft (18 m) in height above grade plane.
1.1.1. This standard shall be based on the concept that the sprinkler system is designed to protect against a fire originating from a single ignition location.
1.1.2. This standard shall not provide requirements for the design or installation of water-mist fire protection systems, which are not considered fire sprinkler systems and are addressed by NFPA 750.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 24-202x, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope.
1.1.1. This standard shall provide the minimum requirements for the installation of private fire service mains and their appurtenances, which include supplying the following:
(1) Automatic sprinkler systems
(2) Open sprinkler systems
(3) Water spray fixed systems
(4) Foam systems
(5) Private hydrants
(6) Monitor nozzles or standpipe systems with reference to water supplies
(7) Hose houses
1.1.2. This standard shall apply to combined service mains intended to carry water for fire service and other uses.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 40-202x, Standard for the Storage and Handling of Cellulose Nitrate Film (revision of ANSI/NFPA 40-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. A.1.1 Although the storage and handling of cellulose nitrate film have a good safety record, fire tests conducted prior to 1967 indicated the desirability of a modification of existing standards. The requirements of this standard, therefore, apply strictly to long-term storage of cellulose nitrate film. 1.1.1 This standard shall apply to all facilities that are involved with the storage and handling of cellulose nitrate-based film. A.1.1.1 Cellulose nitrate-based film includes, but is not limited to, original negative, duplicate negative, interpositive (fine grain), color separation master (YCM), successive exposure master (SEN), optical soundtrack negative or master, mattes, title bands, and release prints. 1.1.2 This standard shall not apply to the storage and handling of film having a base other than cellulose nitrate.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 101A-202x, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.3.2 This edition of NFPA 101A contains alternative approaches that are tied to NFPA 101. Each of these systems is recognized by the Life Safety Code, in its Annex A, as a method that can be used to assist the authority having jurisdiction in determining equivalent compliance with various chapters of the Code. 1.3.3 The method described in this guide is an index method. Index methods are a type of qualitative risk assessment. Quantitative risk assessments can also be used to evaluate designs that are proposed as alternative approaches to life safety.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 110-202x, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. This standard contains requirements covering the performance of emergency and standby power systems providing an alternate source of electrical power to loads in buildings and facilities in the event that the primary power source fails.
1.1.1. Power systems covered in this standard include power sources, transfer equipment, controls, supervisory equipment, and all related electrical and mechanical auxiliary and accessory equipment needed to supply electrical power to the load terminals of the transfer equipment.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 111-202x, Standard on Stored Electrical Energy Emergency and Standby Power Systems (revision of ANSI/NFPA 111-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. 1.1.1 This standard shall cover performance requirements for stored electrical energy systems providing an alternate source of electrical power in buildings and facilities in the event that the normal electrical power source fails. A.1.1.1 For emergency power systems supplied by emergency generators, see NFPA 110, Standard for Emergency and Standby Power Systems. 1.1.2 Systems covered in this standard shall include power sources, transfer equipment, controls, supervisory equipment, and accessory equipment, including integral accessory equipment, needed to supply electrical power to the selected circuits. 1.1.3 This standard shall cover installation, maintenance, operation, and testing requirements as they pertain to the performance of the stored emergency power supply system (SEPSS). 1.1.4 Exclusions. 1.1.4.1 This standard shall not cover the following: (1) Application of the SEPSS, (2) Distribution wiring, (3) Systems having total outputs less than 500 VA or less than 24 V or systems less than Class 0.033, (4) Unit equipment, (5) Nuclear sources, solar systems, and wind stored-energy systems, (6) Uninterruptible power systems (UPS) supplied by an emergency power supply system (EPSS) 1.1.4.2 The following shall not be within the scope of this standard: (1) Specific buildings or facilities, or both, requiring an SEPSS and (2) Specific loads to be.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 291-202x, Recommended Practice for Water Flow Testing and Marking of Hydrants (revision of ANSI/NFPA 291-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. The scope of this document is water flow testing and marking of hydrants.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 302-202x, Fire Protection Standard for Pleasure and Commercial Motor Craft (revision of ANSI/NFPA 302 -2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. 1.1.1 This standard shall establish minimum requirements for the prevention of fire and explosion, for mitigation of carbon monoxide hazards, and for life safety in case of fire, on boats specified in Section 1.3. 1.1.2 This standard shall establish minimum requirements for the following: (1) Elimination of ignition sources; (2) Ventilation of accommodation spaces, fuel tank compartments (if separate from machinery spaces), and machinery spaces; (3) Use of combustible materials; (4) Fire-extinguishing equipment and fire exits; (5) Control of fire-extinguishing agents in machinery spaces; and (6) Mitigation of carbon monoxide hazards from all sources.

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 400-202x, Hazardous Materials Code (revision of ANSI/NFPA 400-2025)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. 1.1.1* Applicability. This code shall apply to the storage, use, and handling of the following hazardous materials in all occupancies and facilities: (1) Ammonium nitrate solids and liquids, (2) Corrosive solids and liquids, (3) Flammable solids, (4) Organic peroxide formulations, (5) Oxidizer — solids and liquids, (6) Pyrophoric solids and liquids, (7) Toxic and highly toxic solids and liquids, (8) Unstable (reactive) solids and liquids, (9) Water-reactive solids and liquids, (10)*Compressed gases and cryogenic fluids as included within the context of NFPA 55, Compressed Gases and Cryogenic Fluids Code A.1.1.1(10) It is not intended that NFPA 400 regulate compressed gases or cryogenic fluids outside of the scope of NFPA 55, Compressed Gases and Cryogenic Fluids Code, including LPG as regulated by NFPA 58, Liquefied Petroleum Gas Code, fuel gas as regulated by NFPA 54, National Fuel Gas Code, vehicular fuels as regulated by NFPA 52, Vehicular Gaseous Fuel Systems Code, or LNG as regulated by NFPA 59, Utility LP-Gas Plant Code. Refer to the specific exemptions referred to in 21.1.1.2. A.1.1.1 Manufacturing operations are covered by this code when the manufacturing operation involves the storage or use of hazardous materials regulated by this code. When quantities...

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 801-202x, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of ANSI/NFPA 801-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. 1.1.1 This standard addresses fire protection requirements intended to reduce the risk of fires and explosions at facilities handling radioactive materials. A.1.1.1 The objectives of this standard are to reduce personal hazards, provide protection from property damage, and minimize process interruption resulting from fire and explosion. Radioactive contamination might or might not be a factor in these risks. 1.1.2 This standard shall not apply to commercial power-generating reactors that are covered by NFPA 804, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants; NFPA 805, Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants; and NFPA 806, Performance-Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants Change Process.

NFPA (National Fire Protection Association)

Dawn Michele Bellis <dbellis@nfpa.org> | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 2113-202x, Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire (revision of ANSI/NFPA 2113-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public Interest and Need

Interest Categories: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

1.1 Scope. 1.1.1 This standard shall specify the minimum selection, care, use, and maintenance requirements for flame-resistant garments for use by industrial personnel in areas at risk from short-duration thermal exposures from industrial fires that are compliant with NFPA 2112. 1.1.2 This standard shall not apply to protective clothing for wildland fire fighting, technical rescue, structural fire fighting, proximity fire fighting, or any other fire-fighting operations, or hazardous materials emergencies. 1.1.3 This standard shall not apply to protection from electrical flashes, radiological agents, biological agents, or hazardous materials.

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: November 24, 2024

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

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

Addenda

BSR/ASHRAE Addendum 62.2g-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022)
ASHRAE has a policy expressed in the Position Document on Environmental Tobacco Smoke which recommends that "Standards and Guidelines shall not prescribe ventilation rates or claim to provide acceptable indoor air quality in smoking spaces" because of adverse health effects. This proposed addendum modifies the Scope in 62.2 to reflect ASHRAE policy. This change makes it clear that this standard does not claim to achieve acceptable indoor air quality in buildings in which smoking is permitted.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: November 24, 2024

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

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

Addenda

BSR/ASHRAE Addendum 62.2r-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2022)
This proposed addendum would broaden the scope of Standard 62.2 to cover spaces adjacent to dwelling units that are not covered by other ASHRAE standards (i.e., ASHRAE Standard 62.1 or ASHRAE/ASHE Standard 170). Adjacent spaces that are outside the dwelling unit, such as crawl spaces or attics, may impact the indoor air quality within the dwelling unit. By adding these spaces to the scope of Standard 62.2, addenda could be proposed that would add requirements for these adjacent spaces to improve the indoor air quality in the dwelling unit.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE Addendum I to Standard 30-202x, Method of Testing Liquid Chillers (addenda to ANSI/ASHRAE Standard 30-2019)
Addendum I to Standard 30-2019 makes TPS changes to the standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 173-202x (i115r2), Dietary Supplements (revision of ANSI/NSF 173-2024)
This standard contains requirements for dietary supplements that contain one or more of the following dietary ingredients: a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by humans to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker <rbrooker@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF/CAN 61-202x (i191r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2023)
This standard is intended to cover specific materials or products that come into contact with: drinking water, drinking water treatment chemicals, or both. The focus of the standard is evaluation of contaminants or impurities imparted indirectly to drinking water.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Amy Jump <ajump@nsf.org>

Comment Deadline: November 24, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 38-202x, Standard for Manual Signaling Boxes for Fire Alarm Systems (revision of ANSI/UL 38-2024)
These requirements cover manual signaling boxes for fire alarm systems intended for permanent installation and used in ordinary locations in accordance with the National Electrical Code, NFPA 70, and the National Fire Alarm Code, NFPA 72.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.com

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 110-202x, Standard for Sustainability of Mobile Phones (revision of ANSI/UL 110-2018)
The following is being recirculated for your review:
(7) Addition of Proposed Criteria 14.4 “Renewable Energy Use”;
(8) Proposed Criteria 15.1.2 Optional – Socially Responsible Supplier Manufacturing: Labor, and 15.1.3 Optional – Socially Responsible Manufacturing: OHS; including deletion of 15.1.1.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Leslie Malaki <Leslie.Malaki@ul.org>

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, Il 60201 | cynthia.byrne@ul.org, https://ulse.org/

Revision

BSR/UL 347-202x, Standard for Medium-Voltage AC Contactors, Controllers, and Control Centers (revision of ANSI/UL 347-2022)
Ballot of the following topics: (1) Grounding switch interlock test; (2) Field wiring in equipment designed for use with MV 90 cable.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1203-202x, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2024)
(1) Revisions to include Containment System Overpressure Test Requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: November 24, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1450-202x, Standard for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment (revision of ANSI/UL 1450-2019 (R2021))
Proposed addition of paint pigment dispenser marking and instructions.
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/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 61131-2-202x, Standard for Programmable Controllers - Part 2: Equipment Requirements and Tests (revision of ANSI/UL 61131-2-2008 (R2021))
(1) Withdrawal for replacement of ANSI/ISA MC96.1, Temperature-Measurement Thermocouples.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: December 9, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

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

Revision

BSR/AAMI ST8-202X, Hospital steam sterilizers (revision of ANSI/AAMI ST8-2013 (R2018))
This standards applies to steam sterilizers that are intended for use in hospitals and other healthcare facilities and that have a volume greater than 56.63 liters (L) (2 cubic feet [ft^3]).
Single copy price: Free
Obtain an electronic copy from: ggolriz@aami.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE AD5674-2004 SEP2015 (R202x), Tractors & machinery for Ag & forestry - Guards for PTO drive shafts - Strength & wear tests & acceptance criteria (reaffirmation of ANSI/ASABE AD5674-2004 SEP2015 (R2019))
ANSI/ASAE AD5674:2004 SEP2015 specifies laboratory tests for determining the strength and wear resistance of guards for power take-off (PTO) drive-shafts on tractors and machinery used in agriculture and forestry, and their acceptance criteria. It is intended to be used in combination with ASAE S207 or more fully with AD5673-2. It is applicable to the testing of PTO drive-shaft guards and their restraining means. It is not applicable to the testing of guards designed and constructed to be used as steps.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 9, 2024

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B30.3-202x, Tower Cranes (revision of ANSI/ASME B30.3-2019)
B30.3 Volume applies to construction tower cranes and permanently mounted tower cranes that are powered by electric motors or internal combustion engines and that adjust their operating radius by means of a luffing boom mechanism, a trolley traversing a horizontal jib, or a combination of the two.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Kathleen Peterson <petersonk@asme.org>

ASTM (ASTM International)

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

New Standard

BSR/ASTM E1321-202x, Test Method for Determining Material Ignition and Flame Spread Properties (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Same

AWS (American Welding Society)

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

New Standard

BSR/AWS C2.27/C2.27M-202x, Guide to Thermal Spray Masking (new standard)
This guide presents efficient strategies for various thermal spray processes to improve masking effectiveness, minimize cost, and avoid and address common issues. Workpiece preparation, masking tools, and workspace layout are addressed.
Single copy price: $25.00
Obtain an electronic copy from: jrosario@aws.org
Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C508-202x, Swing-Check Valves for Waterworks Service, 2-In. Through 48-In. (50-mm Through 1,200-mm) NPS (revision of ANSI/AWWA C508-2017)
This standard describes only iron-body swing-check valves, 2-in. through 48-in. (50-mm through 1,200-mm) NPS, with mechanical-joint or flanged ends that are installed in approximately level settings in source water, potable water, wastewater, and reclaimed water systems having a pH range from 6 to 12 and a temperature range from 33°F to 125°F (0.6°C to 52°C). The manufacturer should be consulted for special conditions.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

Comment Deadline: December 9, 2024

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C621-202x, Internal Pipe Joint Seal Assemblies for Water Service (revision of ANSI/AWWA C621 -2018)
This standard describes the selection and installation requirements for field-applied, mechanical, internal pipe joint seal assemblies for water service. Internal joint sealing is a method of in situ pipe joint rehabilitation that is used to correct leaking pipe joints; to strengthen weak joints or localized wall pitting and other minor defects at joints; to seal leaks at cracks; to prevent exfiltration or infiltration; or used in concert with other non-joint specific methods of pipe rehabilitation (cement–mortar lining, cured-in-place pipe lining, etc.).
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

BHMA (Builders Hardware Manufacturers Association)

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

Revision

BSR/BHMA A156.17-202x, Standard for Self Closing Hinges and Pivots (revision of ANSI/BHMA A156.17-2014 (R2019))
Requirements in this standard apply to Self-Closing Hinges and Pivots. Cycle tests, operational tests, material and dimensional requirements are included.
Single copy price: $36.00 (non-member); $18.00 (member)
Obtain an electronic copy from: agambrall@kellencompany.com
Send comments (copy psa@ansi.org) to: Same

BHMA (Builders Hardware Manufacturers Association)

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

Revision

BSR/BHMA A156.30-202x, Standard for High-Security Cylinders (revision of ANSI/BHMA A156.30-2020)
This Standard includes security-performance-based requirements for both mechanical and electrified high-security cylinders. For the purpose of this Standard, High-Security Cylinder includes mechanical lock cylinders, electromechanical cylinders, and the electronic lock subassemblies that are analogous to the cylinder assemblies. Cylinders include their keys or electronic credentials; their detainers (mechanical pins, levers, discs) or electronic control device; and their cylinder tailpiece or cam or electronic output port.
Single copy price: $36.00 (non-member); $18.00 (member)
Obtain an electronic copy from: agambrall@kellencompany.com
Send comments (copy psa@ansi.org) to: Same

CSA (CSA America Standards Inc.)

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

Revision

BSR/CSA/Z21.78/CSA 6.20-202x, Combination Gas Controls for Gas Appliances (same as CSA 6.20) (revision of ANSI Z21.78-2010 (R2020)/CSA 6.20-2010 (R2020))
This Standard applies to newly produced combination gas controls.
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: December 9, 2024

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 225-B-202x, Rigid coaxial transmission lines (50 Ohms) (revision of ANSI/EIA 225-A-2018)
This standard pertains exclusively to gas-filled rigid coaxial transmission lines and connectors. This standard does not apply to any semi-flexible transmission lines or connectors. This standard provides complete mechanical interchangeability for all lines and connectors. The drawings referred to in the standard do not restrict electrical design parameters; the drawings define the necessary mechanical limits necessary for mechanical interchangeability.
Single copy price: $100.00
Obtain an electronic copy from: ldonohoe@ecianow.org
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | lynn@hl7.org, www.hl7.org

Reaffirmation

BSR/HL7 V3 INFOB, R2-2014 (R202x), HL7 Version 3 Standard: Context Aware Knowledge Retrieval Application (Infobutton), Knowledge Request, Release 2 (reaffirmation and redesignation of ANSI/HL7 V3 INFOB, R2-2014 (R2019))
The Context-Aware Knowledge Retrieval (Infobutton) specifications provide a standard mechanism for clinical information systems to request context-specific clinical knowledge form online resources. This has become a widely adopted approach to help clinicians and patients answer their clinical questions that arise in the course of care. These kinds of knowledge retrieval tools have been generally known as “Infobuttons.”
Single copy price: Free
Obtain an electronic copy from: lynn@hl7.org
Send comments (copy psa@ansi.org) to: Lynn Laakso <lynn@hl7.org>

IIAR (International Institute of All-Natural Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 | tony_lundell@iiar.org, www.iiar.org

New Standard

BSR/IIAR HC-202x, Safety Standard for Closed-Circuit Refrigeration Systems Utilizing Hydrocarbon Refrigerants (new standard)
This standard provides the minimum safety requirements for design, installation, startup, inspection, testing, and maintenance, as well as, decommissioning and general safety requirements for refrigeration systems that use naturally occurring hydrocarbon refrigerants such as propane, N-butane, and isobutane. This standard shall apply to hydrocarbon refrigeration systems that are not regulated by listing agencies.
Single copy price: Free until the public review process is completed
Obtain an electronic copy from: tony_lundell@iiar.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 9, 2024

ISA (International Society of Automation)

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

National Adoption

BSR/ISA 60534-8-2 (75.07.02)-202x, Industrial-Process Control Valves - Part 8-2: Noise considerations - Laboratory measurement of noise generated by hydrodynamic flow through control valves (identical national adoption of IEC 60534-8-2)
Includes the method for measuring the sound pressure level due to liquid flow through a control valve and the method for determining the characteristic increase of noise due to the onset of cavitation. The standard also defines the equipment, methods, and procedures for the laboratory measurement of the airborne sound needed to determine these characteristics.
Single copy price: $9.00
Obtain an electronic copy from: lfranke@isa.org
Send comments (copy psa@ansi.org) to: Lynne Franke <lfranke@isa.org>

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

1750 K Street NW, Suite 460, Washington, DC 20006 | chris.merther@itsdf.org, www.indtrk.org

Revision

BSR/ITSDF B56.5-202x, Safety Standard for Guided Industrial Vehicles and Automated Functions of Manned Industrial Vehicles (revision of ANSI/ITSDF B56.5-2019)
This Standard defines the safety requirements relating to the elements of design, operation, and maintenance of powered, not mechanically restrained, unmanned automatic guided industrial vehicles and the system of which the vehicles are a part. It also applies to vehicles originally designed to operate exclusively in a manned mode but which are subsequently modified to operate in an unmanned, automatic mode, or in a semiautomatic, manual, or maintenance mode.
Single copy price: Free
Obtain an electronic copy from: info@itsdf.org
Send comments (copy psa@ansi.org) to: info@itsdf.org

MHI (Material Handling Industry)

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

Revision

BSR MH28.1-202X, Design, Testing, and Utilization of Industrial Steel Bin Shelving (revision of ANSI MH28.1 -2024)
This standard provides design, testing, and utilization guidance for industrial steel bin shelving, which is typically hand-loaded, prefabricated, free-standing building-like non-building structure that utilizes a designed framing system and is generally used in an industrial or warehousing environment.
Single copy price: $50.00
Obtain an electronic copy from: standards@mhi.org
Send comments (copy psa@ansi.org) to: Patrick Davison, MHI Director of Standards, pdavison@mhi.org

Comment Deadline: December 9, 2024

NECA (National Electrical Contractors Association)

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

New Standard

BSR/NECA 714-202x, Recommended Practice for Firestopping Electrical Penetrations (new standard)
This Recommended Practice covers the installation of passive fire protection materials, components, and systems used to firestop electrical penetrations. It applies to fire barrier products and materials and to listed through-penetration or fire-resistive joint assembly systems, including installation materials and methods for:

- Packing and Forming Material;
- Sealant, Caulk,Putty, Mortar, Pillows, Blocks, Plugs, Planks, and Composite Sheets;
- Wrap and Strips;
- Foam;
- Plastic Pipe Devices;
- Fire-Barrier Pass-Through Device;
- Fire-Barrier Sleeve Kits;
- Cast-In-Place Devices and Adapters;
- Blankets and Mats;
- Labels and Certifications.

Single copy price: $30.00 (Members); $60.00 (Non-Members)
Obtain an electronic copy from: neis@necanet.org
Send comments (copy psa@ansi.org) to: Same

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Revision

BSR C78.51-202X, Electric Lamps - LED (Light Emitting Diode) Lamps - Method of Designation (revision of ANSI C78.51-2016 (R2022))
This standard describes a system for the designation of integrally ballasted Solid State Lighting (SSL) lamps that have standardized characteristics. Lamps with clear, frosted, opaque, or prescription lenses, and with various reflector and/or emitting coatings are covered. Lamps covered in this standard contain LED-based light sources. The lamps may be connected to the branch circuit or to another voltage suitable for lighting applications, such as 12 V AC or DC. This document is intended to allocate lamp codes for new lamps that are not direct replacements for lamps with existing ANSI Lamp Codes or Lamp Designations. OLED lamps are not included at this time.
Single copy price: $175.00
Obtain an electronic copy from: michael.erbesfeld@nema.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: December 9, 2024

NENA (National Emergency Number Association)

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

New Standard

BSR/NENA STA-030.1-202x, NENA Standards for Non-Conventional Means of Communicating with E9-1-1 (new standard)
Develop a standard that describes various types of non-traditional E9-1-1 calls, provides standards to third-party providers that implement these solutions and provides operational guidance to PSAPs.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=34478&wg_id=90b6db5d-5b31-409f-9581-02e10e62694d
Send comments (copy psa@ansi.org) to: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=34478&wg_id=90b6db5d-5b31-409f-9581-02e10e62694d

NENA (National Emergency Number Association)

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

New Standard

BSR/NENA STA-046.3-202x, NENA Virtual PSAP Management Standard (new standard)
Utilizing lessons learned during the COVID pandemic and other significant events (natural or man-made), the proposed standard will document standardized recommendations for PSAPs to address future needs where traditional brick and mortar operations are not feasible to maintain service delivery to the public. The proposed standard will discuss the operational and technical considerations for working in virtual/remote environments, including but not limited to staffing, workforce management, and emergency call handling considerations.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=34511&wg_id=1ef43112-072a-4b8b-9035-26485f25b22a
Send comments (copy psa@ansi.org) to: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=34511&wg_id=1ef43112-072a-4b8b-9035-26485f25b22a

RESOLVE (Resolve, Inc.)

2445 M Street, NW, Suite 550, Washington, DC 20037 | halday@resolve.ngo, www.resolve.ngo

New Standard

BSR/RESOLVE RES-001-202x, Reusable packaging system design standard: Container design and performance (new standard)
This standard specifies design requirements and recommendations for reusable packaging that is intended to be part of a returnable packaging system. The standard covers packaging design aspects, including materials, durability, labeling, digital tagging, and other aspects, that enable the packaging to be part of a system of shared return points, transport, and washing infrastructure. This standard is only applicable to primary packaging that comes into direct contact with a product and consumer. This standard is not applicable to secondary or tertiary packaging, such as e-commerce boxes or sleeves or business-to-business packaging.
Single copy price: Free
Obtain an electronic copy from: https://www.pr3standards.org/s/Draft-Container-Design-Standard_Ballot.pdf
Send comments (copy psa@ansi.org) to: https://forms.gle/oXyGEuS8tknivPZZ9

Comment Deadline: December 9, 2024

SCTE (Society of Cable Telecommunications Engineers)
140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

Reaffirmation

BSR/SCTE 135-2-2019 (R202x), DOCSIS 3.0 Part 2: MAC and Upper Layer Protocols (reaffirmation of ANSI/SCTE 135-02-2019)
This standard is part of the DOCSIS® family of standards. In particular, this standard is part of a series of specifications that define the third generation of high-speed data-over-cable systems. This standard was developed for the benefit of the cable industry, and includes contributions by operators and vendors from North America, Europe, China, and other regions.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)
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Reaffirmation

BSR/SCTE 135-4-2019 (R202x), DOCSIS 3.0 Part 4: Operations Support Systems Interface (reaffirmation of ANSI/SCTE 135-04-2019)
This standard is part of the DOCSIS® family of specifications. In particular, this specification is part of a series of specifications that define the third generation of high-speed data-over-cable systems. This specification was developed for the benefit of the cable industry, and includes contributions by operators and vendors from North America, Europe, China, and other regions.
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Reaffirmation

BSR/SCTE 165-1-2019 (R202x), IPCablecom 1.5 Part 1: Architecture Framework Technical Report (reaffirmation of ANSI/SCTE 165-01-2019)
The IPCablecom project defines interface specifications that can be used to develop interoperable equipment capable of providing packet-based voice, video and other high-speed multimedia services over hybrid fiber coax (HFC) cable systems utilizing the DOCSIS® protocol. IPCablecom defines a communication services architecture that overlays the two-way data-ready broadband cable access network. Within the overall IPCablecom framework, IPCablecom version 1.5, which is the subject of this Technical Report, is designed to provide digital voice and telephony services. The objective of this IPCablecom Architecture Technical Report is to provide a high-level reference framework that identifies the functional components and defines the interfaces necessary to implement the capabilities.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: December 9, 2024

SCTE (Society of Cable Telecommunications Engineers)
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Reaffirmation

BSR/SCTE 165-4-2019 (R202x), IPCablecom 1.5 Part 4: Dynamic Quality-of-Service (reaffirmation of ANSI/SCTE 165-04-2019)
This specification describes a dynamic Quality-of-Service (QoS) mechanism for IPCablecom to facilitate design and field-testing leading to the manufacture and interoperability of conforming hardware and software by multiple vendors.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

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Reaffirmation

BSR/SCTE 165-5-2019 (R202x), IPCablecom 1.5 Part 5: Media Terminal Adapter (MTA) Device Provisioning (reaffirmation of ANSI/SCTE 165-5-2019)
This specification describes the IPCablecom 1.5 embedded-MTA device initialization and provisioning. This specification is issued to facilitate design and field-testing leading to manufacturability and interoperability of conforming hardware and software by multiple vendors.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

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Reaffirmation

BSR/SCTE 165-6-2019 (R202x), IPCablecom 1.5 Part 6: MIBS Framework (reaffirmation of ANSI/SCTE 165-06-2019)
This specification describes the framework in which IPCablecom 1.5 MIB (Management Information Base) modules are described. It provides information on the management requirements of IPCablecom-compliant devices and functions and how these requirements are supported in the MIB modules. It is intended to support and complement the actual MIB module documents, which are issued separately.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

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Reaffirmation

BSR/SCTE 165-7-2019 (R202x), IPCablecom 1.5 Part 7: MTA MIB (reaffirmation of ANSI/SCTE 165-07-2019)
This standard describes the IPCablecom 1.5 MTA MIB requirement.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: December 9, 2024

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Reaffirmation

BSR/SCTE 165-8-2019 (R202x), IPCablecom 1.5 Part 8: Signaling MIB (reaffirmation of ANSI/SCTE 165-08 -2019)
This specification describes the IPCablecom Signaling (SIG) MIB requirements.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

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Reaffirmation

BSR/SCTE 165-9-2019 (R202x), IPCablecom 1.5 Part 9: Event Messaging (reaffirmation of ANSI/SCTE 165-09 -2019)
This standard describes the concept of Event Messages used to collect usage for the purposes of billing within the IPCablecom architecture. It details a transport protocol independent Event Message attribute TLV format, an Event Message file format, mandatory and optional transport protocols, the various Event Messages, lists the attributes each Event Message contains, and lists the required and optional Event Messages associated with each type of end-user service supported. It is issued to facilitate design and field-testing leading to manufacturability and interoperability of conforming hardware and software by multiple vendors.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

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Reaffirmation

BSR/SCTE 165-11-2019 (R202x), IPCablecom 1.5 Part 11: Analog Trunking for PBX Specification (reaffirmation of ANSI/SCTE 165-11-2019)
This specification defines extensions to the IPCablecom Network-based Call Signaling [NCS] protocol to support the following analog trunking for PBX interfaces on an embedded Voice-Over-IP client device in an IPCablecom environment: Ground-start lines, PBX one-way and two-way DTMF trunks.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: December 9, 2024

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Reaffirmation

BSR/SCTE 165-13-2019 (R202x), IPCablecom 1.5 Part 13: Electronic Surveillance Standard (reaffirmation of ANSI/SCTE 165-13-2019)
This specification defines the interface between a telecommunications carrier that provides telecommunications services to the public for hire using IPCablecom capabilities (a "PC/TSP") and a Law Enforcement Agency (LEA) to assist the LEA in conducting lawfully authorized electronic surveillance. This specification defines services and features to support Lawfully Authorized Electronic Surveillance, and the interfaces to deliver intercepted communications and reasonably available call-identifying information to a LEA when authorized.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

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Reaffirmation

BSR/SCTE 165-14-2019 (R202x), IPCablecom 1.5 Part 14: Embedded MTA Analog Interface and Powering (reaffirmation of ANSI/SCTE 165-14-2019)
E-MTA. An embedded MTA is a DOCSIS cable modem (CM) integrated with an IPCablecom multimedia terminal adapter (MTA). The purpose of this specification is to define a set of requirements that will enable a service that is sufficiently reliable to meet an assumed consumer expectation of essentially constant availability, including, specifically, availability during power failure at the customer's premises, and (assuming the service is used to connect to the PSTN), access to emergency services (911, etc.).
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

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Reaffirmation

BSR/SCTE 165-15-2019 (R202x), IPCablecom 1.5 Part 15: Management Event MIB Specification (reaffirmation of ANSI/SCTE 165-15-2019)
The Management Event MIB provides a common data and format definition for events (informative, alarm, etc.). It also specifies by what means events are transmitted. Use of a common event mechanism facilitates management of the MTA in a multi-vendor environment and provides a standard means to implement IPCablecom specified events.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: December 9, 2024

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Reaffirmation

BSR/SCTE 165-17-2019 (R202x), IPCablecom 1.5 Part 17: Audio Server Protocol (reaffirmation of ANSI/SCTE 165-17-2019)
This specification describes the architecture and protocols that are required for playing announcements in voice-over-IP (VoIP) IPCablecom networks, and is issued to facilitate design and field-testing leading to the manufacture and interoperability of conforming hardware and software by multiple vendors.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 165-19-2019 (R202x), IPCablecom 1.5 Part 19: CMS Subscriber Provisioning Specification (reaffirmation of ANSI/SCTE 165-19-2019)
This document defines the interface used between the CMS and Provisioning Server for the exchange of service provisioning information. It is intended to facilitate interoperability of conforming hardware and software from multiple vendors.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 165-20-2019 (R202x), IPCablecom 1.5 Part 20: MTA Extension MIBS (reaffirmation of ANSI/SCTE 165 -20-2019)
New objects that are being introduced beyond IPCablecom 1.0 for MTA MIBS are being grouped in this document so that the additional changes made can be tracked easily.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 62275-202X, Standard for Safety for Cable Management Systems - Cable Ties for Electrical Installations (national adoption of IEC 62275 with modifications and revision of ANSI/UL 62275-2021)
Adoption of the Fourth Edition of UL 62275 Standard for Cable Management Systems – Cable Ties for Electrical Installations. UL 62275 is an adoption of IEC 62275 issued by IEC in November 2022.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: December 9, 2024

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 121303-2020 (R202x), Standard for Safety for the Guide for Use of Detectors for Flammable Gases (reaffirmation of ANSI/UL 121303-2020)
(1) Reaffirmation and continuance of the First Edition of the Standard for Safety for the Guide for Use of Detectors for Flammable Gases, UL 121303, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: December 24, 2024

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 2933-202x, IEEE/UL Standard for Clinical Internet of Things (IoT) Data and Device Interoperability with TIPPSS - Trust, Identity, Privacy, Protection, Safety, and Security (new standard)
A framework with TIPPSS principles (trust, identity, privacy, protection, safety, and security) for Clinical Internet of Things (IoT) data and device interoperability is established in this standard. This includes wearable clinical IoT and interoperability with healthcare systems including electronic health records (EHR), electronic medical records (EMR), other Clinical IoT devices, in-hospital devices, and future devices and connected healthcare systems.
Single copy price: $226.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-ul-2933-2024?product_id=2575586
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C37.118.2-202x, Standard for Synchrophasor Data Transfer for Power Systems (new standard)
A method for real-time exchange of synchronized phasor measurement data between power system equipment is defined. This standard specifies messaging that can be used with any suitable communication protocol for real-time communication between phasor measurement units (PMU), phasor data concentrators (PDC), and other applications. It defines message types, contents, and use. Data types and formats are specified. A typical measurement system is described. Communication options and requirements are described. Cybersecurity is discussed, and while its importance is acknowledged in the overall system, it is beyond the scope of this standard.
Single copy price: $89.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-pc37-118-2?product_id=2522062
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: December 24, 2024

IEEE (Institute of Electrical and Electronics Engineers)

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

Revision

BSR/IEEE C37.20.6-202x, Standard for 4.76 kV to 48.3 kV Rated Ground and Test Devices Used in Enclosures (revision of ANSI/IEEE C37.20.6-2015)
Drawout-type ground and test devices for use in medium-voltage metal-clad switchgear rated 4.76 kV through 48.3 kV are covered by this standard. The description, design, and testing of these accessory devices that are inserted in place of drawout circuit breakers for the purpose of grounding and testing are also covered.
Single copy price: $71.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c37-20-6-2024?product_id=2572795
Order from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Project Withdrawn

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

ASTM (ASTM International)

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

BSR/ASTM WK63211-202x, Practice for Heat Fusion Joining Polypropylene (PP) Pipe and Fittings (new standard)
Send comments (copy psa@ansi.org) to: Laura Klineburger <accreditation@astm.org>

RESNET (Residential Energy Services Network, Inc.)

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

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

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.

AAMI (Association for the Advancement of Medical Instrumentation)

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

ANSI/AAMI ST58-2024, Chemical sterilization and high-level disinfection in health care facilities (revision of ANSI/AAMI ST58-2013 (R2018)) Final Action Date: 10/16/2024 | *Revision*

ANS (American Nuclear Society)

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

ANSI/ANS 3.11-2024, Determining Meteorological Information at Nuclear Facilities (revision of ANSI/ANS 3.11-2015 (R2020)) Final Action Date: 10/21/2024 | *Revision*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME B16.26-2024, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26-2018) Final Action Date: 10/21/2024 | *Revision*

AWS (American Welding Society)

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

ANSI/AWS C4.9/C4.9M-2024, Recommended Practices for Oxyacetylene Cutting of Steel (new standard) Final Action Date: 10/17/2024 | *New Standard*

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

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

ANSI/ASSE 1098-2024, Performance Requirements for Atmospheric Vacuum Breakers for Vacuum Toilet Assemblies and Galley Waste Disposal Units on Commercial Aircraft (revision of ANSI/ASSE 1098-2021) Final Action Date: 10/17/2024 | *Revision*

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

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

ANSI/IAPMO Z1059-2024, Wastewater Diverter Valves and Diversion Systems (new standard) Final Action Date: 10/17/2024 | *New Standard*

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS 31-2009 [R2024], Information Technology - Codes for the Identification of Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas (reaffirm a national adoption INCITS 31-2009 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS 38-2009 [R2024], Information Technology - Codes for the Identification of the States and Equivalent Areas within the United States, Puerto Rico, and the Insular Areas (reaffirm a national adoption INCITS 38-2009 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS 454-2009 [R2024], Information Technology - Codes for the Identification of Metropolitan and Micropolitan Statistical Areas and Related Statistical Areas of the United States and Puerto Rico (reaffirm a national adoption INCITS 454-2009 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS 455-2009 [R2024], Information Technology - Codes for the Identification of Congressional Districts and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas (reaffirm a national adoption INCITS 455 -2009 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS 537-2016/AM1-2019 [R2024], Information technology - Zoned-device ATA Commands Amendment 1 (ZAC-AM 1) (reaffirm a national adoption INCITS 537-2016/AM 1-2019) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO 19115-1:2014 [R2024], Geographic information - Metadata - Part 1: Fundamentals (reaffirm a national adoption INCITS/ISO 19115-1:2014 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO 19115-2:2019 [R2024], Geographic information - Metadata - Part 2: Extensions for acquisition and processing (reaffirm a national adoption INCITS/ISO 19115-2:2019 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO 19112:2019 [R2024], Geographic information - Spatial referencing by geographic identifiers (reaffirm a national adoption INCITS/ISO 19112:2019 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 7501-1:2008 [R2024], Identification cards - Machine readable travel documents - Part 1: Machine readable passport (reaffirm a national adoption INCITS/ISO/IEC 7501-1:2008 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 7501-3:2005 [R2024], Identification cards - Machine readable travel documents - Part 3: Machine readable official travel documents (reaffirm a national adoption INCITS/ISO/IEC 7501-3:2005 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 7811-7:2018 [R2024], Identification cards - Recording technique - Part 7: Magnetic stripe: High coercivity, high density (reaffirm a national adoption INCITS/ISO/IEC 7811-7:2018 [2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 7816-1:2011 [R2024], Identification cards - Integrated circuit cards - Part 1: Cards with contacts - Physical characteristics (reaffirm a national adoption INCITS/ISO/IEC 7816-1:2011 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 7816-5:2004 [R2024], Identification cards - Integrated circuit cards - Part 5: Registration of application providers (reaffirm a national adoption INCITS/ISO/IEC 7816-5:2004 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 7816-7:1999 [R2024], ID Cards - Integrated circuit cards with contacts - Part 7: Interindustry commands for Structured Card Querv Language (SCQL) (reaffirm a national adoption INCITS/ISO/IEC 7816-7:1999 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 7816-9:2017 [R2024], Identification cards - Integrated circuit cards - Part 9: Commands for card management (reaffirm a national adoption INCITS/ISO/IEC 7816-9:2017 [2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 7816-10:1999 [R2024], Identification cards - Integrated circuit(s) cards with contacts - Part 10: Electronic signals and answer to reset for synchronous cards (reaffirm a national adoption INCITS/ISO/IEC 7816 -10:1999 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 7816-15:2016 [R2024], Identification cards - Integrated circuit cards - Part 15: Cryptographic information application (reaffirm a national adoption INCITS/ISO/IEC 7816-15:2016 [2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 10021-8:1999 [R2024], Information Technology - Message Handling Systems (MHS) - Part 8: Electronic Data Interchange Messaging Service (reaffirm a national adoption INCITS/ISO/IEC 10021-8:1999 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 10021-9:1999 [R2024], Information Technology - Message Handling Systems (MHS) - Part 9: Electronic Data Interchange Messaging System (reaffirm a national adoption INCITS/ISO/IEC 10021-9:1999 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 10746-2:2009 [R2024], Information technology - Open distributed processing - Reference model - Part 2: Foundations (reaffirm a national adoption INCITS/ISO/IEC 10746-2:2009 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 10746-3:2009 [R2024], Information technology - Open distributed processing - Reference model: Architecture - Part 3 (reaffirm a national adoption INCITS/ISO/IEC 10746-3:2009 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 11693-1:2012 [R2024], Identification cards - Optical memory cards - Part 1: General characteristics (reaffirm a national adoption INCITS/ISO/IEC 11693-1:2012 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 11694-1:2012 [R2024], Identification cards - Optical memory cards - Linear recording method - Part 1: Physical characteristics (reaffirm a national adoption INCITS/ISO/IEC 11694-1:2012 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 11694-2:2012 [R2024], Identification cards - Optical memory cards - Linear recording method - Part 2: Dimensions and Location of the Accessible Optical Area (reaffirm a national adoption INCITS/ISO/IEC 11694-2:2012 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 18013-1:2018 [R2024], Information technology - Personal identification - ISO-compliant driving license - Part 1: Physical characteristics and basic data set (reaffirm a national adoption INCITS/ISO/IEC 18013-1:2018 [2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 18023-1:2006 [R2024], Information technology - SEDRIS - Part 1: Functional specification (reaffirm a national adoption INCITS/ISO/IEC 18023-1:2006 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 18023-3:2006 [R2024], Information technology - SEDRIS - Part 3: Transmittal format binary encoding (reaffirm a national adoption INCITS/ISO/IEC 18023-3:2006 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 18024-4:2006 [R2024], Information technology - SEDRIS language bindings - Part 4: C (reaffirm a national adoption INCITS/ISO/IEC 18024-4:2006 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 18041-4:2016 [R2024], Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 4: C (reaffirm a national adoption INCITS/ISO/IEC 18041-4:2016 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 18042-4:2006 [R2024], Information technology - Computer graphics and image processing - Spatial Reference Model (SRM) language bindings - Part 4: C (reaffirm a national adoption INCITS/ISO/IEC 18042-4:2006 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 18384-1:2016 [R2024], Information technology - Reference Architecture for Service Oriented Architecture (SOA RA) - Part 1: Terminology and concepts for SOA (reaffirm a national adoption INCITS/ISO/IEC 18384 -1:2016 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 18384-2:2016 [R2024], Information technology - Reference Architecture for Service Oriented Architecture (SOA RA) - Part 2: Reference Architecture for SOA Solutions (reaffirm a national adoption INCITS/ISO/IEC 18384-2:2016 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 18384-3:2016 [R2024], Information technology - Reference Architecture for Service Oriented Architecture (SOA RA) - Part 3: Service Oriented Architecture ontology (reaffirm a national adoption INCITS/ISO/IEC 18384-3:2016 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 19086-1:2016 [R2024], Information technology - Cloud computing - Service level agreement (SLA) framework - Part 1: Overview and concepts (reaffirm a national adoption INCITS/ISO/IEC 19086-1:2016 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 19086-3:2017 [R2024], Information technology - Cloud computing - Service level agreement (SLA) framework - Part 3: Core conformance requirements (reaffirm a national adoption INCITS/ISO/IEC 19086-3:2017 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 19775-1:2013 [R2024], Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) - Part 1: Architecture and base components (reaffirm a national adoption INCITS/ISO/IEC 19775-1:2013 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 19776-2:2015 [R2024], Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 2: Classic VRML encoding (reaffirm a national adoption INCITS/ISO/IEC 19776-2:2015 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 24727-2:2008 [R2024], Identification cards - Integrated circuit card programming interfaces - Part 2: Generic card interface (reaffirm a national adoption INCITS/ISO/IEC 24727-2:2008 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 24727-3:2008 [R2024], Identification cards - Integrated circuit card programming interfaces - Part 3: Application interface (reaffirm a national adoption INCITS/ISO/IEC 24727-3:2008 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 24727-4:2008 [R2024], Identification cards - Integrated circuit card programming interfaces - Part 4: Application programming interface (API) administration (reaffirm a national adoption INCITS/ISO/IEC 24727-4:2008 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 30134-4:2017 [R2024], Information technology - Data centres - Key performance indicators - Part 4: IT Equipment Energy Efficiency for servers (ITEEsv) (reaffirm a national adoption INCITS/ISO/IEC 30134-4:2017 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 30134-5:2017 [R2024], Information technology - Data centres - Key performance indicators - Part 5: IT Equipment Utilization for servers (ITEUsv) (reaffirm a national adoption INCITS/ISO/IEC 30134-5:2017 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 7813:2006 [R2024], Information technology - Identification cards - Financial transaction cards (reaffirm a national adoption INCITS/ISO/IEC 7813:2006 [R2019]) Final Action Date: 10/18/2024 | *Reaffirmation*

INCITS/ISO/IEC 9899:2018 [R2024], Information technology - Programming languages - C (reaffirm a national adoption INCITS/ISO/IEC 9899:2018 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 9973:2013 [R2024], Information technology - Computer graphics, image processing and environmental data representation - Procedures for registration of items (reaffirm a national adoption INCITS/ISO/IEC 9973:2013 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 11574:2000 [R2024], Information Technology - Telecommunications and Information Exchange Between Systems - Private Integrated Services Network - Circuit-mode 64 kbit/s Bearer Services - Service Description, Functional Capabilities and Information Flows (reaffirm a national adoption INCITS/ISO/IEC 11574:2000 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 15414:2015 [R2024], Information technology - Open distributed processing - Reference model - Enterprise language (reaffirm a national adoption INCITS/ISO/IEC 15414:2015 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 17629:2014 [R2024], Information technology - Office equipment - Method for measuring first print out time for digital printing devices (reaffirm a national adoption INCITS/ISO/IEC 17629:2014 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 17963:2013 [R2024], Web Services for Management (WS-Management) Specification (reaffirm a national adoption INCITS/ISO/IEC 17963:2013 [R2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 19941:2017 [R2024], Information technology - Cloud computing - Interoperability and portability (reaffirm a national adoption INCITS/ISO/IEC 19941:2017 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO/IEC 20546:2019 [R2024], Information technology - Big data - Overview and vocabulary (reaffirm a national adoption INCITS/ISO/IEC 20546:2019 [2019]) Final Action Date: 10/17/2024 | *Reaffirmation*

INCITS/ISO 9069:1988 [S2014], Information Processing - SGML Support Facilities - SGML Document Interchange Format (SDIF) (withdrawal of INCITS/ISO 9069:1988 [S2014]) Final Action Date: 10/21/2024 | *Withdrawal*

INCITS/ISO 10036:1996 [S2014], Information technology - Font information interchange Procedures for registration of font-related identifiers (withdrawal of INCITS/ISO/IEC 10036:1996 [S2014]) Final Action Date: 10/21/2024 | *Withdrawal*

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

ANSI C12.11-2024, Instrument Transformers for Revenue Metering 10kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV) (revision of ANSI C12.11-2006 (R2019)) Final Action Date: 10/17/2024 | *Revision*

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | Karen.Willis@nema.org, www.nema.org

ANSI C136.3-2024, Roadway and Area Lighting Equipment - Luminaire Attachments (revision of ANSI C136.3-2020) Final Action Date: 10/21/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 14-2024 (i144r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2023) Final Action Date: 10/10/2024 | *Revision*

ANSI/NSF 14-2024 (i145r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2023) Final Action Date: 10/12/2024 | *Revision*

ANSI/NSF 24-2024 (i12r1), Plumbing System Components for Recreational Vehicles (revision of ANSI/NSF 24-2020) Final Action Date: 9/13/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 53-2024 (i159r2), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2023) Final Action Date: 10/15/2024 | *Revision*

ANSI/NSF 455-4-2024 (i43r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4 -2022) Final Action Date: 10/9/2024 | *Revision*

RVIA (Recreational Vehicle Industry Association)

2465 J-17 Centreville Road, #801, Herndon, VA 20171 | treamer@rvia.org, www.rvia.org

ANSI/RVIA A119.5-2025, Park Model Recreational Vehicle Standard (revision of ANSI A119.5-2020) Final Action Date: 10/17/2024 | *Revision*

ANSI/RVIA DC-2025, Standard for DC Voltage Systems in Recreational Vehicles (revision and redesignation of ANSI/RVIA LV-2020) Final Action Date: 10/17/2024 | *Revision*

SDI (ASC A250) (Steel Door Institute)

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

ANSI A250.6-2024, Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames (revision of ANSI A250.6-2020) Final Action Date: 10/17/2024 | *Revision*

ULSE (UL Standards & Engagement)

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

ANSI/UL 61010-031-2024, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 031: Safety Requirements for Hand-Held and Hand-Manipulated Probe Assemblies for Electrical Test and Measurement (national adoption of IEC 61010-031 with modifications and revision of ANSI/UL 61010-031-2020) Final Action Date: 10/3/2024 | *National Adoption*

ANSI/UL 80-2009 (R2024), Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (reaffirmation of ANSI/UL 80-2009 (R2019)) Final Action Date: 10/14/2024 | *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

SFIA - Steel Framing Industry Association

Please respond by November 29, 2024

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

SFIA is actively seeking participation in the following standards development work:
• AISI S202, Code of Standard Practice for Cold-Formed Steel Structural Framing
• AISI S220, North American Standard for Cold-Formed Steel Nonstructural Framing
• AISI S230, Standard for Cold-Formed Steel Framing – Prescriptive Method for One- and Two-Family Dwellings
• AISI S240, North American Standard for Cold-Formed Steel Structural Framing
• AISI S250, North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing
• AISI S400, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems
• AISI S9XX, a suite of eleven (11) test standards for Cold-Formed Steel Framing

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI ST8-202X, Hospital steam sterilizers (revision of ANSI/AAMI ST8-2013 (R2018))

AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL 60004-1893 | jbrooks@amca.org, www.amca.org

BSR/AMCA 610-202x, Laboratory Methods of Testing Airflow Measurement Stations for Performance Rating (revision of ANSI/AMCA Standard 610-2019)

ASA (ASC S12) (Acoustical Society of America)

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

BSR S12.80-202x, Electrotechnical Test Method for Measuring Self-Noise in Active Hearing Protection Devices (new standard)

ASA (ASC S12) (Acoustical Society of America)

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

BSR S12.81-202x, Electromechanical Test Method for Measuring Level-Dependent Frequency in Hearing Protection Devices (new standard)

ASA (ASC S12) (Acoustical Society of America)

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

BSR S12.82-202x, Electromechanical Test Methods for Measuring Signal Quality of Hearing Protection Devices (new standard)

ASA (ASC S12) (Acoustical Society of America)

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

BSR S12.83-202x, Electromechanical Test Method for Measuring Sound Localization in Hearing Protection Devices (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD5674-2004 SEP2015 (R202x), Tractors & machinery for Ag & forestry - Guards for PTO drive shafts - Strength & wear tests & acceptance criteria (reaffirmation of ANSI/ASABE AD5674-2004 SEP2015 (R2019))

AWS (American Welding Society)

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

BSR/AWS C2.27/C2.27M-202x, Guide to Thermal Spray Masking (new standard)

BHMA (Builders Hardware Manufacturers Association)

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

BSR/BHMA A156.17-202x, Standard for Self Closing Hinges and Pivots (revision of ANSI/BHMA A156.17-2014 (R2019))

BHMA (Builders Hardware Manufacturers Association)

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

BSR/BHMA A156.30-202x, Standard for High-Security Cylinders (revision of ANSI/BHMA A156.30-2020)

CTA (Consumer Technology Association)

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

BSR/CTA 2134-202x, Best Practices and Performance Requirements for Womens Health Technologies (new standard)
Interest Categories: CTA is seeking new members to join the consensus body. CTA and the R11 Health, Fitness & Wellness Committee are particularly interested in adding new members (called “users”) who acquire health, fitness and wellness products. from those who create them, and in adding new members who neither produce nor use health, fitness or wellness products, and others (called members with a “general interest”).

ECIA (Electronic Components Industry Association)

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

BSR/EIA 225-B-202x, Rigid coaxial transmission lines (50 Ohms) (revision of ANSI/EIA 225-A-2018)

ISA (International Society of Automation)

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

BSR/ISA 60534-8-2 (75.07.02)-202x, Industrial-Process Control Valves - Part 8-2: Noise considerations - Laboratory measurement of noise generated by hydrodynamic flow through control valves (identical national adoption of IEC 60534-8-2)

MHI (Material Handling Industry)

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

BSR ACE 35-202X, Electrification Systems for Electric Overhead Traveling Cranes (revision and redesignation of ANSI/MHI ECMA 35-2018)

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

BSR C78.50-202X, Standard for Electric Lamps - Assigned LED Lamp Codes (revision of ANSI C78.50-2016 (R2022))

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

BSR C78.51-202X, Electric Lamps - LED (Light Emitting Diode) Lamps - Method of Designation (revision of ANSI C78.51-2016 (R2022))

NEMA (National Electrical Manufacturers Association)

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

BSR/NEMA 70901-202x, Compliance with Domestic Preference Requirements for Infrastructure Projects (new standard)

NSF (NSF International)

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

BSR/NSF 173-202x (i115r2), Dietary Supplements (revision of ANSI/NSF 173-2024)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i191r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2023)

American National Standards (ANS) Announcements

Designation Correction

Corrections

NFPA - National Fire Protection Association

BSR/NFPA 2010-202x

The 10/11/2024, Call for Comment notice mistakenly included an incomplete designation for the following NFPA standard:

BSR/NFPA 2010-202x, Standard for Fixed Aerosol Fire-Extinguishing Systems
(revision of ANSI/NFPA 2010-2020)

Please direct inquiries to: Dawn Michele Bellis <dbellis@nfpa.org>

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Public Review of Application for ASD Accreditation

DHI - The Door and Hardware Institute

Comment Deadline: 11/25/2024

The Door and Hardware Institute (DHI) has submitted an application for accreditation as a developer of American National Standards. DHI's proposed scope of activity is:

The scope of standards development by DHI will include a guideline consisting of three levels of recommended security aspects on openings that are intended for public use to help educate and provide advice on furnishing the necessary attributes to achieve a secure opening on any project, new or existing. These levels are meant to Deter, Detect and Delay adversarial behavior to allow time for emergency response personnel.

As the application materials are available electronically, the public review period is 30 days. To download a copy of DHI's application and proposed operating procedures during the public review period, click HERE.

Please direct inquiries to: Tom Seidel, The Door and Hardware Institute (DHI) | 2001 K Street NW, 3rd Floor North, Washington, DC 20006 | (202) 367-2396, tseidel@dhi.org (please copy jthompso@ansi.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)

PRCA (Professional Ropes Course Association)

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.

AAMI
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ASHRAE
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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

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 17510, Medical devices - Sleep apnoea breathing therapy - Masks and application accessories - 1/2/2025, $107.00

Applications of statistical methods (TC 69)

ISO/DIS 11843-6, Capability of detection - Part 6: Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations - 1/9/2025, $82.00

Building construction (TC 59)

ISO/DIS 12006-2, Building construction - Organization of information about construction works - Part 2: Framework for classification and breakdown structures - 1/3/2025, $102.00

ISO/DIS 29481-2, Building information models - Information delivery manual - Part 2: Interaction framework - 1/9/2025, $155.00

Floor coverings (TC 219)

ISO/DIS 23999, Resilient floor coverings - Determination of dimensional stability and curling (vertical deformation) after exposure to heat - 1/3/2025, $71.00

Furniture (TC 136)

ISO/DIS 4211-6, Furniture - Tests for surface finishes - Part 6: Assessment of the surface resistance to scratching - 1/3/2025, $77.00

Implants for surgery (TC 150)

ISO/DIS 6631, Tissue-engineered medical products - Quantification of bovine type I collagen marker peptide with liquid chromatography - Tandem mass spectrometry - 1/5/2025, $53.00

Internal combustion engines (TC 70)

ISO/DIS 8528-13, Reciprocating internal combustion engine driven alternating current generating sets - Part 13: Safety - 1/6/2025, $112.00

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

ISO/DIS 21809-2, Oil and gas industries including lower carbon energy - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 2: Single layer fusion-bonded epoxy coatings - 1/3/2025, $134.00

Mechanical testing of metals (TC 164)

ISO/DIS 14577-6, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 6: Instrumented indentation test at elevated temperature - 1/3/2025, $71.00

Mechanical vibration and shock (TC 108)

ISO/DIS 5349-3, Mechanical vibration - Measurement and evaluation of human exposure to hand-transmitted vibration - Part 3: Isolated and repeated shocks using the frequency range of ISO 5349-1 - 1/3/2025, $77.00

Non-destructive testing (TC 135)

ISO/DIS 32543-2, Non-destructive testing - Characteristics of focal spots in industrial X-ray systems - Part 2: Edge method with hole type gauges - 1/3/2025, $71.00

Other

ISO/DIS 25202, Leather - Chemical analysis - Determination of glutaraldehyde content - 1/4/2025, $40.00

Petroleum products and lubricants (TC 28)

ISO/DIS 12940-1, Petroleum products and lubricants - Determination of roll stability of lubricating grease - Part 1: Dry condition test - 1/4/2025, $46.00

ISO/DIS 12940-2, Petroleum products and lubricants - Determination of roll stability of lubricating grease - Part 2: Wet condition test - 1/4/2025, $53.00

Plastics (TC 61)

ISO/DIS 8203-2, Fibre-reinforced plastic composites - Non-destructive testing - Part 2: Array and air-coupled ultrasonics - 1/5/2025, $71.00

Road vehicles (TC 22)

ISO 15118-20:2022/DAmd 1, - Amendment 1: Road vehicles - Vehicle to grid communication interface - Part 20: 2nd generation network layer and application layer requirements - Amendment 1: AC DER service, MCS service, and improved security concept - 1/6/2025, $185.00

Safety of machinery (TC 199)

ISO/DIS 12100, Safety of machinery - General principles for design - Risk assessment and risk reduction - 1/6/2025, $155.00

Transport information and control systems (TC 204)

ISO/DIS 19082, Intelligent transport systems - Definition of data elements and data frames between roadside modules and signal controllers for cooperative signal control - 1/2/2025, $102.00

Tyres, rims and valves (TC 31)

ISO/DIS 3739-2, Industrial tyres and rims - Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims with rim diameter codes not exceeding 15 - Part 2: Load ratings - 1/6/2025, $29.00

ISO/DIS 3739-3, Industrial tyres and rims - Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims with rim diameter codes not exceeding 15 - Part 3: Rims - 1/9/2025, $46.00

Welding and allied processes (TC 44)

ISO/DIS 15608, Welding - Grouping system for metallic materials - 1/5/2025, $40.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19086-1:2016/DAmd 1, - Amendment 1: Information technology - Cloud computing - Service level agreement (SLA) framework - Part 1: Overview and concepts - Amendment 1 - 1/5/2025, $58.00

ISO/IEC 19086-3:2017/DAmd 1, - Amendment 1: Information technology - Cloud computing - Service level agreement (SLA) framework - Part 3: Core conformance requirements - Amendment 1 - 1/5/2025, $33.00

ISO/IEC 23092-5:2020/DAmd 1, - Amendment 1: Information technology - Genomic information representation - Part 5: Conformance - Amendment 1: Version 2 and Part 6 support - 1/3/2025, $67.00

ISO/IEC DIS 20931, Information technology - User interfaces - Icons for representing services in serviced offices - 1/4/2025, $67.00

ISO/IEC DIS 19896-3, Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel - Part 3: Knowledge and skills requirements for ISO/IEC 15408 evaluators and certifiers - 1/9/2025, $112.00

ISO/IEC DIS 23093-6, Information technology - Internet of media things - Part 6: IoMT Media data formats and API for distributed AI processing - 1/4/2025, $194.00

ISO/IEC DIS 23090-34, Information technology - Coded representation of immersive media - Part 34: Immersive audio reference software - 1/9/2025, $33.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/1074(F)/FDIS, IEC 63522-36 ED1: Electrical relays - Tests and Measurements - Part 36: Fire hazard, 11/15/2024

94/1075(F)/FDIS, IEC 63522-39 ED1: Electrical relays - Tests and measurements - Part 39: Insertion and withdrawal force, 11/15/2024

94/1076(F)/FDIS, IEC 63522-43 ED1: Electrical relays - Tests and measurements - Part 43: Proof tracking index (PTI), 11/15/2024

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

100/4193/CDV, IEC 63002 ED3: Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices, 01/10/2025

100/4213/DTR, IEC TR 63239 ED2: Radio frequency beam wireless power transfer (WPT) for mobile devices, 12/13/2024

100/4214/DTR, IEC TR 63558 ED1: Automatic speech recognition: Classification according to acoustic and linguistic indicators in real-life applications, 12/13/2024

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

46C/1296/CDV, IEC 61156-14 ED1: Multicore and symmetrical pair/quad cables for digital communications - Part 14: Symmetrical single pair cables with transmission characteristics up to 20 MHz - Work area wiring - Sectional specification, 01/10/2025

Electric welding (TC 26)

26/765/CD, IEC 60974-1 ED7: Arc welding equipment - Part 1: Welding power sources, 02/07/2025

Electrical Energy Storage (EES) Systems (TC 120)

120/391/NP, PNW TS 120-391 ED1: Electric energy storage (ESS) systems - Part 2-4 Guidelines for the Integration of Diverse Accumulation Subsystems in EESS, 01/10/2025

Electrical equipment in medical practice (TC 62)

62A/1620/CD, ISO TS 24971-2 ED1: Medical devices - Guidance on the application of ISO 14971 - Part 2: Machine learning in artificial intelligence, 01/10/2025

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

48B/3121/CDV, IEC 61076-2-104 ED3: Connectors for electronic equipment - Product requirements - Part 2-104: Circular connectors - Detail specification for circular connectors with M8 screw-locking or snap-locking, 01/10/2025

Fibre optics (TC 86)

86A/2494(F)/FDIS, IEC 60793-2-50 ED7: Optical fibres - Part 2 -50: Product specifications - Sectional specification for class B single-mode fibres, 11/08/2024

86A/2503/CD, IEC 60794-1-121 ED1: Optical fibre cables - Part 1-121: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Sheath pull-off force for optical fibre cable for use in patch cords, Method E21, 12/13/2024

Flat Panel Display Devices (TC 110)

110/1711/NP, PNW 110-1711 ED1: Eyewear display - Part 40 -10: Specific measurements of eyewear displays with ambient light sensors, 12/13/2024

Fuses (TC 32)

32C/646/CDV, IEC 60127-4 ED4: Miniature fuses - Part 4: Universal modular fuse-links (UMF) - Through-hole and surface mount types, 01/10/2025

32C/647/CDV, IEC 60127-7 ED3: Miniature fuses - Part 7: Miniature fuse-links for special applications, 01/10/2025

Insulators (TC 36)

36A/251/NP, PNW TS 36A-251 ED1: General requirements for tap adapter of capacitance graded bushing, 01/10/2025

Lamps and related equipment (TC 34)

34D/1745/CDV, IEC 60598-2-24 ED3: Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures, 01/10/2025

34/1258(F)/FDIS, IEC 62386-105 ED2: Digital addressable lighting interface - Part 105: Particular requirements for control gear and control devices - Firmware transfer, 11/08/2024

Magnetic components and ferrite materials (TC 51)

51/1520/CDV, IEC 62024-3 ED1: High frequency inductive components - Electrical characteristics and measuring methods - Part 3: AC loss measured by sinusoidal wave of inductors for DC-to-DC converters, 01/10/2025

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

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

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

113/871/NP, PNW 113-871 ED1: Nanomanufacturing - Detail Specification - Part 3-8: Graphene Thermal Conductive Film for Mobile Electronic Devices - Heat Dissipation Applications, 01/10/2025

113/870/NP, PNW TS 113-870 ED1: Nanomanufacturing - Key Control Characteristics - Part 11-4: Carbon nanotubes - Permittivity and permeability: Coaxial method, 01/10/2025

Performance of household electrical appliances (TC 59)

59M/174(F)/FDIS, IEC 63169/AMD1 ED1: Amendment 1 - Electrical household and similar cooling and freezing appliances - Food preservation, 11/08/2024

Safety of household and similar electrical appliances (TC 61)

61/7339/DTR, IEC TR 63381 ED1: Application of IEC 60335□2□27 for field inspections of UV emission of tanning devices, 12/13/2024

Solar photovoltaic energy systems (TC 82)

82/2313/NP, PNW TS 82-2313 ED1: Design evaluation of PV cable supported system, 12/13/2024

Surface mounting technology (TC 91)

91/1982(F)/FDIS, IEC 61188-6-3 ED1: Circuit boards and circuit board assemblies - Design and use - Part 6-3: Land pattern design - Description of land pattern for through hole components (THT), 11/01/2024

91/1986/CD, IEC 61760-4 ED2: Surface mounting technology - Part 4: Classification, packaging, labelling and handling of moisture sensitive devices ED2, 12/13/2024

91/1985/NP, PNW 91-1985 ED1: The future IEC 62878-2-604: Guideline for stacked electronic module - Evaluation method of heat transfer for stacked electronic module, 01/10/2025

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

121/181/CD, IEC 62683-1 ED2: Low-voltage switchgear and controlgear - Product data and properties for information exchange - Part 1: Catalogue data, 01/03/2025

(TC)

SyCSmartEnergy/287/DTS, IEC SRD 63460 ED1: Architecture and use-cases for EVs to provide grid support functions, 12/13/2024

(TC 126)

126/68/FDIS, IEC 63277-3-1 ED1: Binary power generation systems - Part 3-1: Safety requirements - System with less than 500 kW in capacity, 11/29/2024

Wearable electronic devices and technologies (TC 124)

124/290(F)/FDIS, IEC 63203-201-4 ED1: Wearable electronic devices and technologies - Part 201-4: Electronic textile - Test method for determining sheet resistance of conductive fabrics after abrasion, 11/01/2024

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC43/122/CD, ISO/IEC 27572 ED1: Information Technology - Brain-computer Interfaces - Reference Architecture, 12/13/2024

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

Biotechnology (TC 276)

ISO 24479:2024, Biotechnology - Cellular morphological analysis - General requirements and considerations for cell morphometry to quantify cell morphological features, $223.00

Carbon dioxide capture, transportation, and geological storage (TC 265)

ISO 27913:2024, Carbon dioxide capture, transportation and geological storage - Pipeline transportation systems, $223.00

Dentistry (TC 106)

ISO 14356:2024, Dentistry - Duplicating material, $194.00

Fine ceramics (TC 206)

ISO 20351:2024, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for optical properties of ceramic phosphors for white light-emitting diodes using an integrating sphere, $124.00

Hydrogen energy technologies (TC 197)

ISO 19887-1:2024, Gaseous Hydrogen - Fuel system components for hydrogen-fuelled vehicles - Part 1: Land vehicles, $250.00

Implants for surgery (TC 150)

ISO 25539-3:2024, Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters, $278.00

Industrial automation systems and integration (TC 184)

IEC 63339:2024, $483.00

Microbeam analysis (TC 202)

ISO 19214:2024, Microbeam analysis - Analytical electron microscopy - Method of determination for apparent growth direction of nanocrystals by transmission electron microscopy, $166.00

Non-destructive testing (TC 135)

ISO 16810:2024, Non-destructive testing - Ultrasonic testing - General principles, $81.00

ISO 15708-1:2024, Non-destructive testing - Radiation methods for computed tomography - Part 1: Vocabulary, $54.00

Other

ISO 3379:2024, Leather - Determination of distension and strength of surface (ball burst method), $54.00

Paints and varnishes (TC 35)

ISO 19403-4:2024, Paints and varnishes - Wettability - Part 4: Determination of the polar and dispersive fractions of the surface tension of liquids from an interfacial tension, $81.00

ISO 19403-5:2024, Paints and varnishes - Wettability - Part 5: Determination of the polar and dispersive fractions of the surface tension of liquids from contact angles measurements on a solid with only a disperse contribution to its surface energy, $54.00

ISO 19403-6:2024, Paints and varnishes - Wettability - Part 6: Measurement of dynamic advancing and receding angle by changing the volume of a drop, $81.00

ISO 19403-7:2024, Paints and varnishes - Wettability - Part 7: Measurement of the dynamic contact angles and the roll-off angle on a tilt stage, $124.00

Sieves, sieving and other sizing methods (TC 24)

ISO 19996:2024, Charge conditioning of aerosol particles for particle characterization and the generation of calibration and test aerosols, $250.00

ISO Technical Specifications

Health Informatics (TC 215)

ISO/TS 6204:2024, Health Informatics - Categorial structures for representation of Ayurvedic medicinal water - Decocting process in Ayurveda, $54.00

Nanotechnologies (TC 229)

ISO/TS 23361:2024, Nanotechnologies - Crystallinity of cellulose nanomaterials by powder X-ray diffraction (Rietveld analysis), $166.00

Transport information and control systems (TC 204)

ISO/TS 15638-26:2024, Intelligent transport systems - Framework for cooperative telematics applications for regulated vehicles (TARV) - Part 26: Electric vehicle dynamic charging monitoring, $166.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 25219:2024, Personal identification - ISO-compliant driving licence - Considerations for early adopters of ISO/IEC 18013-7, $54.00

ISO/IEC TR 20000-17:2024, Information technology - Service management - Part 17: Scenarios for the practical application of service management systems based on ISO/IEC 20000 -1:2018, $223.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14882:2024, Programming languages - C++, $278.00

ISO/IEC 27019:2024, Information security, cybersecurity and privacy protection - Information security controls for the energy utility industry, $223.00

ISO/IEC 19075-10:2024, Information technology - Guidance for the use of database language SQL - Part 10: SQL model (Guide/Model), $250.00

IEC Standards

Capacitors and resistors for electronic equipment (TC 40)

IEC 60115-2 Ed. 4.0 b:2023, Fixed resistors for use in electronic equipment - Part 2: Sectional specification: Low-power film resistors with leads for through-hole assembly on circuit boards (THT), $483.00

IEC 60115-4 Ed. 3.0 b:2022, Fixed resistors for use in electronic equipment - Part 4: Sectional specification: Power resistors for through hole assembly on circuit boards (THT) or for assembly on chassis, $483.00

IEC 60384-14 Ed. 5.0 b Cor.1:2024, Corrigendum 1 - Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $0.00

IEC 60115-2-10 Ed. 1.0 b:2023, Fixed resistors for use in electronic equipment - Part 2-10: Blank detail specification: Low-power film resistors with leads for through-hole assembly on circuit boards (THT), for general electronic equipment, classification level G, $348.00

Electrostatics (TC 101)

IEC 61340-6-1 Amd.1 Ed. 1.0 b:2024, Amendment 1 - Electrostatics - Part 6-1: Electrostatic control in healthcare, commercial and public facilities - Healthcare, $26.00

IEC 61340-6-1 Ed. 1.1 en:2024, Electrostatics - Part 6-1: Electrostatic control in healthcare, commercial and public facilities - Healthcare, $386.00

Lightning protection (TC 81)

IEC 62305-2 Ed. 3.0 b Cor.1:2024, Corrigendum 1 - Protection against lightning - Part 2: Risk management, $0.00

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

IEC 62841-2-3 Amd.1 Ed. 1.0 b:2024, Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders, $245.00

IEC 62841-2-3 Ed. 1.1 en:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders, $1185.00

IEC 62841-2-6 Ed. 1.0 b Cor.1:2024, Corrigendum 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-6: Particular requirements for hand-held hammers, $0.00

IEC 62841-4-4 Amd.1 Ed. 1.0 b:2024, Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws, $103.00

IEC 62841-4-4 Ed. 1.1 en:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws, $1030.00

IEC 62841-3-14 Amd.1 Ed. 1.0 b:2024, Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-14: Particular requirements for transportable drain cleaners, $13.00

IEC 62841-3-14 Ed. 1.1 en:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-14: Particular requirements for transportable drain cleaners, $348.00

Solar photovoltaic energy systems (TC 82)

IEC 60891 Ed. 3.0 b Cor.1:2024, Corrigendum 1 - Photovoltaic devices - Procedures for temperature and irradiance corrections to measured I-V characteristics, $0.00

International Electrotechnical Commission (IEC)

Call for Members (USNC)

Advisory Committee on Electricity Transmission and Distribution (ACTAD) - US Representative Needed

Comment Deadline: October 30, 2024

ACTAD, which reports to the SMB (Standardization Management Board), deals with all matters concerning electricity transmission and distribution (T&D) which concern, or may potentially concern, more than one TC (Technical Committee) or SC (SubCommittee)of the IEC.

Individuals interested in serving as the US Representative on ACTAD are invited to contact **Betty Barro at bbarro@ansi.org** by October 30th 2024.

Please see the scope for ACTAD below:

Scope

ACTAD deals with all matters concerning electricity transmission and distribution (T&D) which concern, or may potentially concern, more than one TC or SC. It may also have to deal with emerging broader subjects that may impact the T&D industry and IEC technical committees. ACTAD's responsibilities include:

to recommend standardization activities and their relative importance in order to help TCs/SCs in their development;
to identify technologies to be standardized in order to guide TCs/SCs in taking into account market needs;
to advise the SMB in the coordination of TC/SC activities so as to improve their effectiveness.

NOTE: To see the recent ACTAD activity and workshop, click HERE.

USNC Technical Advisor Needed

Response Deadline: November 1, 2024

As the current Technical Advisor for TC 113 TAG will be stepping down at the end of this year, the USNC is looking for a new Technical Advisor (s) to take on this USNC TAG Technical Advisory role beginning January 1, 2025.

If individuals are interested in the position of USNC TAG Technical Advisor for the USNC TAG to IEC/TC 113, they are invited to contact Betty Barro at bbarro@ansi.org by November 1st, 2024.

Please see the scope for **the IEC/ TC 113** below:

Scope: **TC 113 - Nanotechnology for electrotechnical products and systems**

Standardization of the technologies relevant to electrotechnical products and systems in the field of nanotechnology in close cooperation with other committees of IEC and ISO

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 304 – Healthcare organization management

Reply Deadline: November 15, 2024

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 304 – *Healthcare organization management*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 304 to the InGenesis, Inc. InGenesis, Inc has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 304 operates under the following scope:

Standardization in the field of healthcare organization management comprising, terminology, nomenclature, recommendations and requirements for healthcare-specific management practices and metrics (e.g. patient-centered staffing, quality, facility-level infection control, pandemic management, hand hygiene) that comprise the non-clinical operations in healthcare entities.
Excluded are horizontal organizational standards within the scope of:

- *quality management and quality assurance (TC 176);*
- *human resource management (TC 260);*
- *risk management (TC 262);*
- *facility management (TC 267), and;*
- *occupational health and safety management (TC 283).*

Also excluded are standards relating to clinical equipment and practices, enclosing those within the scope of TC 198 Sterilization of health care products.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 304. 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.

If no U.S. organization steps forward to assume the ISO/TC 304 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity **by Friday, November 15, 2024**, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Ayurveda and Yoga

Comment Deadline: November 15, 2024

BIS, the ISO member body for India, has submitted to ISO a proposal for a new field of ISO technical activity on Ayurveda and Yoga, with the following scope statement:

Standardization in the field of Ayurveda and Yoga. Both traditional and modern aspects of products and services of these systems are covered. The committee will focus on following fields including but not limited to Terminology; Quality and Safety of ingredients, extracts, finished products, Ayurveda based dietary supplements and nutraceuticals, Ayurveda Pharmaceutical equipment and procedures; Health and Wellness service requirements; Health Assessment tools/equipment; Rejuvenative procedures and tools/equipment /devices; Yoga accessories, Yoga props and common yoga protocol practices.

Excluded: Standardization covered by
- *ISO/TC 54 - Essential oils*
- *ISO/TC 215 - Health Informatics*
- *ISO/TC 249 - Traditional Chinese Medicine*

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, November 15, 2024.

ISO Proposal for a New Field of ISO Technical Activity

Contact Centers

Comment Deadline: November 8, 2024

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

Standardization in the field of terminology, requirement, guidance, practices, evaluation for contact centers management and services provision.

Excluded: Relevant work within the scopes of the following committees:
- *ISO/IEC JTC 1 Information technology*
- *ISO/IEC JTC 1/SC 40 IT service management and IT governance*
- *ISO/TC 176 Quality management and quality assurance*
- *ISO/TC 176/SC 3 Quality management and quality assurance —Supporting technologies*
- *ISO/TC 290 Online reputation*
- *ISO/TC 312 Excellence in service*
- *ISO/PC 317 Consumer protection: privacy by design for consumer goods and services*

Note: In parallel, the proposed TC works in cooperation with existing committees on subjects that may support contact centers.

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, November 8, 2024.

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

BSR/ASHRAE Addendum g
to ANSI/ASHRAE Standard 62.2-2022

Public Review Draft

Proposed Addendum g to Standard 62.2-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (August 2024)
(Draft shows Proposed Changes to Current Standard)

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

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

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

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

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

FOREWORD

ASHRAE has a policy expressed in the Position Document on Environmental Tobacco Smoke which recommends that "Standards and Guidelines shall not prescribe ventilation rates or claim to provide acceptable indoor air quality in smoking spaces" because of adverse health effects. This proposed addendum modifies the Scope in 62.2 to reflect ASHRAE policy. This change makes it clear that this standard does not claim to achieve acceptable indoor air quality in buildings in which smoking is permitted.

[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 g to 62.2-2022

Revise Section 2 Scope as shown below.

1. PURPOSE

This standard defines the roles and minimum requirements for mechanical and natural ventilation systems and other measures intended to provide acceptable indoor air quality (IAQ) in individual dwelling units.

2. SCOPE

This standard applies to dwelling units in residential occupancies in which the occupants are nontransient.

2.1 This standard considers chemical, physical, and biological contaminants that can affect air quality. Thermal comfort requirements are not included in this standard.

Informative Note: See ANSI/ASHRAE Standard 55, *Thermal Environmental Conditions for Human Occupancy*, for thermal comfort requirements.

2.2 While acceptable IAQ is the goal of this standard, it will not necessarily be achieved even if all requirements are met

a. because of the diversity of sources and contaminants in indoor air and the range of susceptibility in the population;
b. because of the many other factors that may affect occupant perception and acceptance of IAQ, such as air temperature, humidity, noise, lighting, and psychological stress;
c. if the ventilation air is unacceptable and this air is brought into the dwelling unit without first being cleaned;
d. if the system or systems are not operated and maintained as designed; or
e. when high-polluting events occur.

2.3 This standard does not claim to achieve acceptable indoor air quality in buildings in which smoking is permitted.

Informative Note: See ASHRAE Position Document on Environmental Tobacco Smoke (ETS) and ASHRAE ROB 1.201.008, for more information on ETS in buildings.

BSR/ASHRAE Addendum r
to ANSI/ASHRAE Standard 62.2-2022

Public Review Draft

Proposed Addendum r to Standard 62.2-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (August 2024)
(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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FOREWORD

This proposed addendum would broaden the scope of Standard 62.2 to cover spaces adjacent to dwelling units that are not covered by other ASHRAE standards (i.e., ASHRAE Standard 62.1 or ASHRAE/ASHE Standard 170). Adjacent spaces that are outside the dwelling unit, such as crawl spaces or attics, may impact the indoor air quality within the dwelling unit. By adding these spaces to the scope of Standard 62.2, addenda could be proposed that would add requirements for these adjacent spaces to improve the indoor air quality in the dwelling unit.

[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 r to 62.2-2022

Revise Section 2 Scope as shown below.

1. PURPOSE

This standard defines the roles and minimum requirements for mechanical and natural ventilation systems and other measures intended to provide acceptable indoor air quality (IAQ) in individual dwelling units.

2. SCOPE

This standard applies to dwelling units in residential occupancies in which the occupants are nontransient, and to spaces adjacent to these dwelling units that are not within the scope of ANSI/ASHRAE Standard 62.1 or ANSI/ASHRAE/ASHE Standard 170.

2.1 This standard considers chemical, physical, and biological contaminants that can affect air quality. Thermal comfort requirements are not included in this standard.

Informative Note: See ANSI/ASHRAE Standard 55, *Thermal Environmental Conditions for Human Occupancy*, for thermal comfort requirements.

2.2 While acceptable IAQ is the goal of this standard, it will not necessarily be achieved even if all requirements are met

a. because of the diversity of sources and contaminants in indoor air and the range of susceptibility in the population;
b. because of the many other factors that may affect occupant perception and acceptance of IAQ, such as air temperature, humidity, noise, lighting, and psychological stress;
c. if the ventilation air is unacceptable and this air is brought into the dwelling unit without first being cleaned;

d. if the system or systems are not operated and maintained as designed; or
e. when high-polluting events occur.

BSR/ASHRAE Addendum l to
ANSI/ASHRAE Standard 30-2019

Public Review Draft

Proposed Addendum l to Standard 30-2019, Method of Testing Liquid Chillers

First Public Review (October 2024)
(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).

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ASHRAE, 180 Technology Parkway, Peachtree Corners GA 30092

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FOREWORD

Insert here…

Addendum X to ANSI/ASHRAE Standard 30-2019

Revise Sections 1 and 2 as shown below.

1. **Purpose:**
1.1 The purpose of this standard is to prescribe methods of testing to measure the thermal capacity, energy efficiency, and ~~water~~ liquid pressure drop of packaged liquid chiller equipment using a refrigerant vapor compression cycle.

1.2 This standard does not specify methods of establishing published ratings or performance tolerances.

2. **Scope:**
~~**2.1** This standard applies to liquid chilling or liquid heating packaged equipment using any type of compressor, and using the following methods of heat rejection during the cooling cycle:~~
~~(a) air cooled~~
~~(b) evaporatively cooled~~
~~(c) water cooled~~

2.1 This standard applies to the following packaged equipment using any type of compressor:
   a. liquid chilling
   b. liquid heating
   c. simultaneous liquid chilling and liquid heating

      2.1.1 Using the following methods of heat rejection during the cooling cycle or heat absorption during the heating cycle:
         a. air cooled
         b. adiabatically cooled
         c. evaporatively cooled
         d. liquid cooled

2.2 This standard includes packaged equipment provided in more than one assembly if the separated or remote assemblies are designed to be used together and are connected together during the test.

2.3 This standard does not include the following types of equipment:
(a) self-contained, mechanically refrigerated drinking-water coolers within the scope of ASHRAE Standard 18
(b) unitary water-to-air heat pump equipment within the scope of ASHRAE Standard 37
(c) absorption water chilling packages included within the scope of ASHRAE Standard 182

2.4 This standard does not include testing of chillers in field installations.

2.5 This standard does not specify the test operating conditions.
2.6 This standard does not specify methods of performance ratings certification.

Tracking number 173i115r2
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Revision to NSF/ANSI 173-2024
Issue 115, Revision 2 (October 2024)

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

NSF/ANSI Standard
for Health Sciences –

Dietary Supplements

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4 Labeling and literature requirements

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4.1 Caffeine

Supplements containing any amount of added caffeine, including by intentional selective concentration of caffeine at the expense of other constituents from the source crude botanical, ~~must~~ shall declare the total amount of caffeine per serving on the label.

In addition, if the product contains caffeine at > 100 mg per serving, the following warnings (or equivalent) ~~must~~ shall be present on the label:

— do not use if sensitive to caffeine;
— not recommended for use by children under 18 y of age; and
— not recommended for use by pregnant or nursing women.

4.2 Probiotics

For products and ingredients containing probiotics, the following information ~~must~~ shall be present on the label:

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5 Product requirements

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5.3 Contaminants

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5.3.1.1 Components including dietary ingredients

Suppliers of components, including dietary ingredients, shall designate a proposed maximum daily dose which ~~will~~ shall be used as the basis for the metals contaminant evaluation per Section 5.3.1.2.

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Table 5.2
Specifications for pathogenic microbiological contaminants in dietary ingredients

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[c] ND = Not detected. Not detected means that no colonies are present in 10 g of sample when tested under the conditions of an appropriate *S. aureus* test per Section 7.3. If *S. aureus* is detected, the sample ~~must~~ shall be further tested to determine whether the observed colonies are coagulase-positive. If for some reason the observed colonies are not available to be tested, additional sample portions shall be tested for *S. aureus* and coagulase-positive *S. aureus*. No detectable level of coagulase-positive *S. aureus* is allowed; ingredient containing coagulase-positive *S. aureus* at any level fails the test.

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Table 5.3
Acceptable limits for microbiological contaminants in finished products

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[N]OTE — The category designation for the product to be certified shall be based on those ingredients present at ≥ 1% by weight in the formula as provided in the full product formulation. For a product containing ingredients from more than one category, the finished product category ~~will~~ shall be assigned based on the ingredient with the highest category number, i.e., the most relaxed standard applicable to the ingredients in the product.

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Table 5.4
Acceptable limits for pathogenic microbiological contaminants in finished products

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NOTE — The category designation for the product to be certified shall be based on those ingredients present at ≥ 1% by weight in the formula as provided in the full product formulation. For a product containing ingredients from more than one category, the finished product category ~~will~~ shall be assigned based on the ingredient with the highest category number, i.e., the most relaxed standard applicable to the ingredients in the product.

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[c] ND = Not detected. Not detected means that no colonies are present in 10 g of sample when tested under the conditions of an appropriate *S. aureus* test per Section 7.3. If *S. aureus* is detected, the sample ~~must~~ shall be further tested to determine whether the observed colonies are coagulase-positive. If for some reason the observed colonies are not available to be tested, additional sample portions shall be tested for *S. aureus* and coagulase-positive *S. aureus*. No detectable level of coagulase-positive *S. aureus* is allowed; product containing coagulase-positive *S. aureus* at any level fails the test.

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5.4 Disintegration

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5.4.3 Extended release

Extended-release supplements, such as those which claim “timed release” or “slow release”, shall be tested for disintegration using the equipment described in the currently promulgated version of the USP. If the product is intended to conform to the USP, then it ~~must~~ shall be tested as per the USP.

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5.7 Hemp or hemp derived ingredients

Dietary ingredients and finished products containing hemp, hemp plant parts, or hemp derived ingredients shall be tested for THC content and shall not exceed the limit of THC established by the country of sale. If the country of sale has not established a THC limit, the dietary ingredient or finished product shall not exceed the U.S. Federal limit of not more than 0.3% THC on a dry weight basis. The determination of the THC concentration ~~must~~ shall take into account the potential to convert THCA into THC. The THC concentration ~~will~~ shall be evaluated to the acceptable hemp THC level incorporating measurement uncertainty.

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6 Test methods used by testing laboratories for identification and quantification of ingredients – Dietary ingredients and finished products

6.1 Identification test methods

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6.1.1.2 Microscopic test methods

Microscopic test methods verify conformity to identity specifications of non-extract botanical dietary ingredients and components (whole plants, plant parts, cut or powdered forms) by examination of microscopic ~~and/~~or microchemical features. Scientifically valid and fit for purpose approaches include comparison to authentic reference materials (see ISO/TR 79:2015),**Error! Bookmark not defined.** official compendia, or other appropriate references, such as pharmacognosy literature.

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6.1.5 Quality assurance for identification test methods

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To the extent to which it is feasible, the reference standard or material shall be prepared in the same manner as the sample being evaluated. Ideally, a reagent blank (negative control), a reference standard (positive control) and the sample are to be prepared and compared by the analysis technique. Additional controls ~~may~~ might be necessary to ensure the accurate interpretation of the identity test results and to verify that no adulteration has occurred. If no reference standard is available, and published literature provides photos or drawings of macroscopic or microscopic characteristics or fingerprint descriptions, use of this information to support the identity confirmation is allowable so long as the processing or blending of the ingredient does not invalidate this approach.

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6.2.7.1 Calibration

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When moisture or residual solvents are stated, the purity value used should have been adjusted to take into account these known impurities. Some calibration reference standards, where the adsorbed water is variable, ~~may~~ can require drying at 221 °F (105 °C) (or under other suitable conditions as recommended by the manufacturer) prior to obtaining an accurate weight determination.

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7 Test methods used by testing laboratories for detection of contaminants – Dietary ingredients and finished products

7.1 Test methods for metals

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— **analytical method**: EPA Method 200.7.**Error! Bookmark not defined.** Alternate methodologies, such as graphite furnace atomic emission spectrophotometry, ICP/MS, and flow injection analysis is an option for use with specific samples at the discretion of the analyst.

NOTE — If the chromium (total) result exceeds the pass/fail criteria (Section 5.3.1), levels of Cr (VI) ~~will~~ should be determined using a liquid chromatography method based on EPA Method 218.6.**Error! Bookmark not defined.** Modifications to the sample preparation and extraction procedures ~~will~~ should be employed based on the dietary supplement product or ingredient matrix.

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7.3.2 Preparatory testing

Preparatory testing, as specified in the currently promulgated version of the USP shall be performed on all products. Certain products ~~may~~ can themselves inhibit the multiplication of microorganisms that might be present, thus interfering with quantitative and qualitative microbiological assays detailed in Section 7.3.

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7.4.2 Other chemical contaminants

The most appropriate method should be selected to evaluate the product for compliance with applicable subsections within Section 5.3. Sources for methods should include AOAC International, USP**Error! Bookmark not defined.**, and other method sources. The selected method ~~is to~~ shall be scientifically valid and suitable for the purpose of analysis of the product being tested.

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8 Good manufacturing practices

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8.7 Alternate means of compliance

Under certain circumstances, alternate means of evaluation to Identity or Quantity requirements is permitted. This type of situation may arise in the following circumstances:

— **no scientifically valid method**: There is not a currently available scientifically valid method for the ingredient in the finished product. This ~~may~~ can occur, for example, when an ingredient occurs at a low level in the finished product or when a finished product matrix is highly complex.

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Whenever ingredient test data is used as part of compliance evaluation, production records ~~must~~ shall document appropriate traceability between ingredient lots and finished product batches, as well as appropriate ingredient weighing, ingredient addition and second person verification of those operational activities.

Sample test data ~~must~~ shall be identified with a unique code or other clear identification that links the sample to the parent material from which it was taken. For this evaluation, the manufacturer ~~must~~ shall submit the relevant raw material test data and a representative batch production record. If an ingredient used in the product is itself a proprietary blend, the applicant ~~must~~ shall submit or arrange to have the ingredient manufacturer submit the relevant raw material test data and a representative batch production record for the proprietary blend ingredient.

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Normative Annex 1

Botanicals which require testing for Aristolochic acid and list of oils under the rancidity control plan

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Revision to NSF/ANSI/CAN 61-2023
Issue 191, Revision 1 (October 2024)

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

NSF/ANSI/CAN Standard
for Drinking Water Additives –

Drinking Water System Components – Health Effects

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8 Mechanical devices

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8.6 Chemical feeders and generators

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8.6.4 Chemicals Produced by Chemical Generators

In addition to evaluating the contribution of chemical contaminants from the generator to drinking water under Section 8.6, chemicals produced by chemical generators may be evaluated to the requirements of NSF/ANSI/CAN 60 at the discretion of the manufacturer. Only chemicals meeting the scope of NSF/ANSI/CAN 60 are eligible. Evaluation shall meet all requirements specified in NSF/ANSI/CAN 60 including, but not limited to:

- evaluation at a maximum use level (MUL) compliant to the tables in Sections 4, 5, 6, and 7, including evaluation of alternate feedstock chemicals,
- preparation of analytical sample per NSF/ANSI/CAN 60, Annex N-1,
- analysis for the minimum test analytes and any formulation dependent analytes,
- sample of the dosed chemical is collected from the chemical generator operating within the specifications documented in the equipment manuals.

If the produced chemical solution is compliant to NSF/ANSI/CAN 60, then the following labeling shall be applied on the chemical generator equipment, installation manual, and operating manual.

- [Produced chemical name] is compliant to NSF/ANSI/CAN 60 at or below [X] mg/L using the feedstock chemicals [list of feedstock chemical names and their strengths]. All feedstock chemicals shall be NSF/ANSI/CAN 60 certified and adhere to their certified MUL. Influent

water to the chemical generator shall meet operation manual specifications. Monitoring source water characteristics and continued quality control of the chemical produced is the responsibility of the equipment operator.

NOTE — Trade names and supplier disclosure are not required to be included in the list of feedstock chemicals and their strengths. Example list: sodium chlorite (24%) with hydrochloric acid (33%).

Rationale: Adds language to allow manufacturers to claim compliance to NSF/ANSI/CAN 60 when the chemical produced by their equipment meets all the requirements of NSF/ANSI/CAN 61. The language allows this claim even though the equipment is not installed at a specific water utility.

BSR/UL 38, Standard for Safety for Manual Signaling Boxes for Fire Alarm Systems

1. Withdrawal and replacement of ANSI/ISA MC96.1, Temperature-Measurement Thermocouples

PROPOSAL

20 Temperature Test

20.9 The thermocouple wire is to comply with the requirements ~~for thermocouples as~~ listed in the Tolerances on Initial Values of EMF versus Temperature tables in the Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples, ANSI/ASTM E230/E230M ~~Initial Calibration Tolerances for Thermocouples table in Temperature Measurement Thermocouples, ANSI/ISA MC96.1~~.

BSR/UL 110, Standard for Sustainability of Mobile Phones

7. Addition of Proposed Criteria 14.4 Renewable Energy Use

PROPOSAL

14.4.1.1 The manufacturer shall meet criterion 4.9.4.1 in the *IEEE 1680.1-2018 Standard for Environmental and Social Responsibility Assessment of Computers and Displays*.

Point Value: 2 points

8. Proposed Criteria 15.1.2 Optional – Socially Responsible Supplier Manufacturing: Labor, and 15.1.3 Optional – Socially Responsible Manufacturing: OHS

PROPOSAL

~~**15.1.1 Optional - Supplier responsibility (Corporate criterion)**~~

~~The manufacturer shall have a process in place, which uses a risk-based approach to determine the appropriate application of one or more of the programs listed below. The process shall include suppliers of materials, parts, assemblies, and the final assemblers of the product. The risk-based approach shall also include:~~

~~a) An evaluation of risk of the suppliers based on one or more of the programs listed below. Item 1 or 3 is required for identified high risk suppliers~~
~~1) Certification to SAI SA8000, or~~
~~2) Desk Review(s) performed by manufacturer or third party, that is consistent with the requirements of either the EICC Code of Conduct, SAI SA8000, ETI (Ethical Trading Initiative), SMETA (SEDEX Members Ethical Trading Audit), or equivalent, or~~
~~3) On-site Audit(s) performed by a third party under a manufacturer, EICC, or other program that is consistent with the requirements of either the EICC Code of Conduct, SAI SA8000, ETI (Ethical Trading Initiative), SMETA (SEDEX Members Ethical Trading Audit), or equivalent.~~
~~b) A procedure to refresh information at a frequency in accordance with the requirements of the program.~~
~~c) Procedures to institute corrective action with a supplier for relevant non-conformities; and to re-audit suppliers regularly as needed, based on the manufacturer's evaluation of risk within the supply chain.~~

~~Point value: 5~~

~~Note: Desk review means using an evaluation methodology such as surveys, questionnaires, etc. to identify the level of inherent risk of the supplier.~~

BSR/UL 347, Standard for Safety for Medium-Voltage AC Contactors, Controllers, and Control Centers

1. Grounding switch interlock test

PROPOSAL

4.206 ~~Optional g~~Grounding switch (optional)

2. Field wiring in equipment designed for use with MV 90 cable

5.10.204 Conditional markings

Where applicable, equipment shall be legibly marked as follows:

a) Doors and covers of compartments containing medium-voltage components shall be provided with a warning marking on the outside of the door or cover providing access, stating “DANGER High Voltage Keep Out” or “DANGER: ____ V” (with system voltage or voltage class inserted in the blank space).

b) The external manual release operator of a latched contactor shall be marked to indicate its function.

c) Equipment for use with either copper or aluminum conductors shall be marked “CU-AL” or the equivalent. Equipment for use with copper conductors only shall be marked “CU Only” or the equivalent. This marking shall be visible when making terminations to the equipment.

d) The volt-ampere (VA) rating, or the equivalent, of any operating coil circuit which requires a remote control device with a sealed rating of more than 125 VA shall be indicated.

e) Permanent, legible marking shall be installed on panels or doors that give access to live parts warning of the danger of opening while energized.

f) Unless the proper wiring connections are plainly evident, wiring terminals shall be marked, or the equipment shall be provided with a suitable wiring diagram to indicate the connections.

g) If a controller uses current transformers and overload relays with removable overload elements, it shall be marked "WARNING: This controller furnished with current transformers. Do not operate without overload elements installed" or the equivalent.

h) Any barrier intended to be removed during routine maintenance or servicing (such as barriers required to be removed for replacement of fuses or the examination of contacts) shall be marked to indicate that its reinstallation is required.

i) If the design of the controller is such that a low-voltage control circuit fuse is accessible with the CPT or voltage transformers energized, a warning shall be provided in the vicinity of the fuseholder: "WARNING" followed by the statement "Fuses may be energized" or the equivalent.

j) Controllers with overload protective units arranged to energize signals only in accordance with Clause 5.203(c) shall be marked to state that the motor running protective units do not open the motor circuit, and shall reference the applicable national installation code requirement (including article and clause).

k) Controllers employing an automatic reset overload relay and a wiring diagram indicating two- wire control shall be marked to indicate that a load connected to the circuit can start automatically when the relay is in the automatic reset position.

l) An enclosure provided without a bottom shall be marked "Not for use on combustible floors" or the equivalent.

m) A door that is not interlocked as described in Clause 5.102.204 shall be marked "DANGER – High Voltage – Door is not interlocked – Ensure that all sources of supply are isolated and locked out prior to removing any bolts or opening this door. Close door and tighten all bolts before re-energizing this equipment."

n) Special operating conditions, if applicable, shall be marked.

o) Altitude (if over 1 000 m) shall be marked.

p) Equipment that is energized from more than one circuit and that does not have means for disconnecting all ungrounded conductors within a single enclosure or compartment shall be permanently marked on the outside with the following, or equivalent wording: “WARNING: More than one live circuit. See diagram.”

q) The type and rating of fuses used to provide overcurrent protection in low voltage-control circuits shall be permanently marked adjacent to the fuseholder. This information may be provided by a table permanently affixed to the enclosure, provided the fuseholders are appropriately identified.

r) The current element table of an overload relay, and associated markings, when provided, shall be permanently affixed within the controller where it will be clearly visible.

s) Where control-circuit overcurrent protection is not provided in the equipment, a permanent marking shall be provided on the controller or controller wiring diagram to indicate that such protection is required.

t) If a controller feeds a capacitor load, a danger/warning label shall be provided on the outside of the door or cover providing access, with words to the following effect:

> “Hazardous voltage may be present on load side conductors after contactor and isolating means have been opened. Capacitor internal resistors require 5 minutes to discharge capacitor down to 50 V after de-energization. Wait 5 minutes after disconnecting power and then use proper voltage sensing device to verify voltage before servicing equipment.”
>
> NOTE: This marking is not required if the capacitor is on the same circuit as a motor.

u) A vertical stack arrangement shall be provided with a marking indicating the ampere rating permitted in each position.

v) Terminal kits shall be marked as follows:

i) Identification of the kits that can be installed shall either be marked on the equipment, supplied separately, or included in the manufacturer's catalogs.

ii) The connector kit or its package shall be marked with its identification and the name or trademark of the manufacturer. Information on the range of conductor sizes that the connector is intended to accommodate shall be marked on one of the following: the kit, its container or package, the main device, or its enclosure; or shall be included as a separate sheet.

w) Kits other than terminal kits shall be marked as follows:

i) Identification of the kits that can be installed in medium-voltage control equipment shall be either marked on the equipment, supplied separately, or included in the manufacturer's catalogs.

ii) The kit or its smallest unit package shall be marked with its catalog number (or the equivalent) and the name or trademark of the manufacturer.

iii) Unless proper installation of a kit is clearly evident, assembly instructions shall be provided, either as part of the kit or as part of the medium-voltage control equipment, and shall include:

1) a clear identification of the individual parts, components, or subassemblies;

2) schematic or wiring diagrams, if applicable;

3) explicit assembly information that describes all aspects of assembly;

4) clear identification of the controller(s) in which the kit is intended to be installed; and

5) identification of the parts and components of a kit, if required, in such a manner as to ensure proper matching with the schematic or wiring diagram.

x) An enclosure that meets the test requirements in Clause 6.203 shall be marked “Rainproof” or “Raintight” (in addition to the enclosure type marking in accordance with Annex A, Item 6).

y) Such other marking as may be necessary to ensure safe and proper operation shall be provided.

z) Equipment shall be marked “Size conductors based on ~~MV~~ 90°C cable ampacities". This marking shall be visible when making terminations to the equipment.

BSR/UL 1203, Standard for Safety for ExplosionProof and Dust-IgnitionProof Electrical Equipment for Use in Hazardous (Classified) Locations

1. Revisions to the proposal document dated March 1, 2024, per responses to comments received.

PROPOSAL

7.6A CONTAINMENT SYSTEM – Part of the apparatus containing any fluid that may pass through the explosionproof enclosure and result in an internal release into the enclosure or an internal release into the wiring system. (See Figure 19A.1.3).

Equipment with an internal source of release of oxygen in concentrations greater than that found in normal air, or other oxidizer, is outside the scope of this standard.

7.7A INFALLIBLE CONTAINMENT SYSTEM – A containment system that is comprised of connections, including joints, that are not considered as becoming open in service or storage.

7.9A LIMITED RELEASE CONTAINMENT SYSTEM – A containment system that may release a process fluid that passes through the explosionproof enclosure, and which provides a flow limiting device to ensure a predicable rate of release into the explosionproof enclosure.

19A Containment system design requirements

19A.1 Release conditions

19A.1.1 No release

19A.1.1.1 There is no internal release when the containment system is infallible. See the design requirements for an infallible containment system.

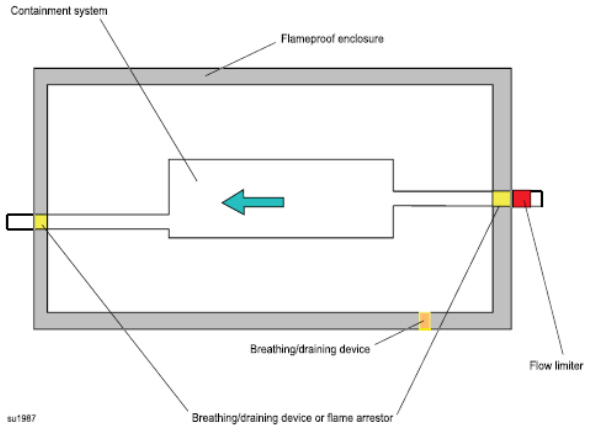
19A.1.2 Limited release of a gas or vapor

19A.1.2.1 The rate of release of the process fluids into the explosionproof enclosure shall be predictable in all conditions of containment system failure. See the design requirements for a containment system with limited release.

19A.1.3 Limited release of a liquid

19A.1.3.1 The rate of release of the process fluids into the explosionproof enclosure is limited as for a gas or vapour, but the conversion of the liquid into a vapor is not predictable. Consideration shall be given to the possible accumulation of liquid inside the explosionproof enclosure and the consequences thereof. See the design requirements for a containment system with limited release.

Figure 19A.1.3 – Flameproof enclosure with containment system



19A.2 Design requirements for the containment system

19A.2.1 General design requirements

19A.2.1.1 The design and construction of the containment system, which will determine whether the leakage is likely to occur or not, shall be based on the worst-case conditions of service specified by the manufacturer.

19A.2.1.2 The containment system shall be either infallible or have a limited release.

19A.2.1.3 The manufacturer shall specify the maximum inlet pressure to the containment system.

19A.2.1.4 Details of the design and construction of the containment system, the types and operating conditions of the process fluids it may contain and the expected release rate or rates at given locations shall be provided by the manufacturer in order for the containment system to be evaluated as either an infallible containment system or as a containment system with limited release.

19A.2.1.5 If the containment system does not fulfill the infallible containment system requirements of this standard, all of the inlets and outlets of the containment system shall have breathing/draining devices at the wall of the explosionproof enclosure, which can be separate or integrated parts of the enclosure and shall be considered for performance tests of this standard.

19A.2.1.6 Ignition sources in the containment system shall be considered separately and may also require breathing/draining devices.

19A.2.2 Infallible containment system

19A.2.2.1 The containment system shall be composed of metallic, ceramic or glass pipes, tubes or vessels that involve no moving joints. Joints shall be made by welding, brazing, glass to metal sealing, or by eutectic methods.

19A.2.2.2 Low temperature solder alloys, such as lead/tin composites, are not acceptable.

19A.2.2.3 The external surface of the containment system serves to complete the explosionproof enclosure. Therefore, the overall assembly of the containment system and explosionproof enclosure shall be subjected to all of the same performance tests as a stand alone explosionproof enclosure, with the same pass/fail criteria applied.

19A.2.3 Containment system with a limited release

19A.2.3.1 Due to containment system failure concerns, the flow of process fluids entering the containment system shall be limited to a predictable rate by flow limiting devices fitted outside the explosionproof enclosure.

19A.2.3.2 Flow limiting devices may be installed inside the explosionproof enclosure if the containment system from the entry point into the explosionproof enclosure up to and including the inlet to the flow limiting devices conforms to the design requirements for an infallible containment system. These flow limiting devices shall be permanently secured with no movable parts.

19A.2.3.3 Flow limiting devices shall not incorporate polymeric or elastomeric materials but may incorporate ceramic or glass materials.

Also, due to containment system failure concerns, there shall be no increase in internal pressure greater than 1.1 times the atmospheric pressure surrounding the explosionproof enclosure.

19A.2.3.4 Under normal conditions, the containment system with limited release shall be sealed to achieve a maximum leakage rate equivalent to a helium-leakage rate less than 10^-4mbar x l/s (10^-2Pa x l/s) at a pressure difference of 1 bar (0.1 MPa).

19A.2.3.5 Elastomeric seals, windows and other non-metallic parts of the containment system are permitted. Pipe threads, compression joints (for example, metallic compression fittings), and flat joints are also permitted.

22 Hydrostatic Pressure Test:

22.5 Special considerations for a containment system

22.5.1 For an infallible containment system or a containment system with a limited release, a test pressure of at least 4 times the maximum rated pressure, but no less than 1 kPa (1000 Pa), shall be applied to the containment system for a period of at least 2 minutes. A routine test is not required.

22.5.2 For a containment system with a limited release, a test pressure of at least 1.5 times the maximum rated pressure, with a minimum of 200 Pa, shall be applied to the containment system and maintained for a time of at least 2 minutes. A routine hydrostatic pressure test under the same conditions is required.

22.5.3 The increase of the test pressure should be applied at the rate specified in section 22.4.

22.5.4 The test is considered to be satisfactory if no permanent deformation occurs and compliance with the applicable leakage test for either an infallible containment system or for a containment system with a limited release is verified.

24A.1 Leakage test considerations for containment systems

24A.1.1 Leakage test for an infallible containment system

24A.1.1.1 The containment system shall:

a) be surrounded by helium at a pressure equal to the maximum rated pressure. The containment system shall be evacuated down to an absolute pressure of 0.1 Pa or lower; or

b) be located in a vacuum chamber and be connected to a helium supply at the maximum rated pressure. The vacuum chamber shall be evacuated down to an absolute pressure of 0.1 Pa or lower.

24A.1.1.2 The test is considered satisfactory if an absolute pressure of 0.1 Pa can be maintained with the evacuating system operating.

24A.1.2 Leakage test for a containment system with a limited release

24A.1.2.1 The containment system shall:

a) be surrounded by helium at a test pressure equal to the maximum rated pressure, but no less than 1000 Pa; or

b) be connected to a helium supply at the maximum rated pressure, but no less than 1000 Pa.

24A.1.2.2 The maximum helium leakage rate shall be less than 10^-2 Pa x l/s (10^-4 mbar x l/s).

59 Details

59.3 The equipment shall be permanently marked as specified in (a) – (k) with a metal nameplate or plates mechanically attached, or shall be embossed, stamped, cast, or molded into the product, or shall be a nonmetallic pressure-sensitive label which complies with applicable sections of UL 969, and shall indicate the following as applicable:

a) The manufacturer's name or trademark;

b) The equipment identification;

c) Electrical ratings;

d) For devices with a rotating shaft, the maximum rpm at which the shaft is intended to rotate;

Exception: The rpm is not required to be marked on devices, such as a siren, where the maximum speed of the shaft is determined by an internal motor that is directly coupled to the shaft.

e) Designation of the hazardous location in which the equipment is intended to be used: for example, "Class ____, Group ____." Also see 59.18;

f) Enclosure-type designation. An enclosure that complies with the requirements for more than one type of enclosure is not prohibited from being marked with multiple designations;

Exception: The designation marking for Type 7 or 9 is not required to be marked.

g) The maximum ambient temperature rating, when other than 40 °C (104 °F), and/or the minimum ambient temperature rating when less than minus 25 °C (minus 13 °F).

h) A cautionary statement consisting of the word "CAUTION" and the following or equivalent wording: "To reduce the risk of ignition of hazardous atmospheres, disconnect the equipment from the supply circuit before opening. Keep assembly tightly closed when in operation.";

i) Maximum operating temperature or operating temperature class (T code) as specified in Table 59.1, when the operating temperature exceeds 100 °C (212 °F). This marking is to be based on the maximum temperature attained in the temperature tests. The operating temperature or temperature

class shall be near the marking required by (e). It shall be identified as "Operating Temperature _____," or "Operating Temperature Code _____," or the equivalent; and

~~k~~ j) A device with a factory-installed seal shall be permanently marked "Leads Factory Sealed", or "Factory Sealed", or "Seal not Required", or the equivalent.

k) maximum inlet pressure of a containment system

BSR/UL 1450 Standard for Safety for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment

1. Proposed addition of paint pigment dispenser marking and instructions.

PROPOSAL

65.23 – Paint pigment dispensers shall be permanently marked with the word “WARNING” and the following or equivalent: “Risk of Fire or Explosion – If flammable liquids are being dispensed, see manual for precautions.”

67.11 – A paint pigment dispenser shall be provided with instructions that include the following:

a) Recommendation to review Safety Data Sheets for liquids used in the machine, to follow manufacturers safety instructions, and note the flash point temperature.

b) Warning to ensure the operating temperature of the equipment never exceeds the flash point temperature of any liquid used in the machine.

c) Recommendation for proper ventilation of equipment to prevent accumulation of flammable vapors.

BSR/UL 61131-2, Standard for Safety for Programmable Controllers - Part 2: Equipment Requirements and Tests

1. Withdrawal for replacement of ANSI ISA MC96.1, Temperature-Measurement Thermocouples

PROPOSAL

12.1.5DV.3 The thermocouple method for temperature measurement consists of the determination of temperature by use of a potentiometer type instrument and thermocouples that are applied to the hottest accessible parts. The thermocouples are to be made of wires not larger than 24 AWG (0.21 mm^2). The thermocouples and related instruments are to be accurate and calibrated in accordance with good laboratory practice. The thermocouple wire is to conform with the requirements for special tolerance thermocouples specified in the Tolerances on Initial Values of EMF versus Temperature tables in the Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples, ANSI/ASTM E230/E230M ~~Initial Calibration Tolerances for Thermocouples table in Temperature Measurement Thermocouples, ANSI/ISA MC96.1.~~