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# Project Initiation Notification System (PINS)

Section 2.5.1 of the *ANSI Essential Requirements* ([www.ansi.org/essentialrequirements](http://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.

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## **AAMI (Association for the Advancement of Medical Instrumentation)**

Ladan Bulookbashi <[LBulookbashi@aami.org](mailto:LBulookbashi@aami.org)> | 901 N. Glebe Road, Suite 300 | Arlington, VA 22203 [www.aami.org](http://www.aami.org)

### **National Adoption**

BSR/AAMI/IEC 80601-2-58-2024, Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (identical national adoption of IEC 80601-2-58:2024 and revision of ANSI/AAMI/IEC 80601-2-58-2014)

Stakeholders: Manufacturers and users of lens removal and vitrectomy devices for ophthalmic surgery, regulatory bodies

Project Need: The recently published IEC 80601-2-58:2024 was deemed to be needed by the US National Committee to get proposed as an identical adoption for publication as an American National Standard. This international standard is recognized by FDA as it supports existing regulatory policies.

Interest Categories: Industry, User, Regulatory, General

This standard applies to the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery and associated accessories that can be connected to this medical electrical equipment (ME equipment).

## **AAMI (Association for the Advancement of Medical Instrumentation)**

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### **National Adoption**

BSR/AAMI/IEC 80601-2-77-2020/A1, Amendment 1 - Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (identical national adoption of IEC 80601-2-77:2019/AMD1:2023 )

Stakeholders: Medical device manufacturers, hospital and health facilities, robotic device manufacturers, regulatory bodies

Project Need: The recently published Amendment 1 to IEC 80601-2-77:2019 was deemed to be needed by the US National Committee to get proposed for identical adoption as addenda to ANSI/AAMI/IEC 80601-2-77-2020. This international standard is recognized by FDA as it supports existing regulatory policies. Robots for surgery is a rapidly increasing area of medical technology. While the IEC 60601 series of standards address many aspects of the basic safety of such devices, essential performance and specific unique aspects will require a device specific standard.

Interest Categories: Industry, User, Regulatory, General

This standard applies to the basic safety and essential performance of Robotically Assisted Surgical Equipment (RASE) and Robotically Assisted Surgical Systems (RASS), referred to as ME Equipment and ME Systems together with their interaction conditions and interface conditions.

## **AAMI (Association for the Advancement of Medical Instrumentation)**

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### ***National Adoption***

BSR/AAMI/IEC 80601-2-78-2020/A1, Amendment 1 - Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (identical national adoption of IEC 80601-2-78:2019/AMD1:2024 )

Stakeholders: medical device manufacturers, rehabilitative device manufacturers, health care providers, regulatory bodies

Project Need: The recently published Amendment 1 to IEC 80601-2-78:2019 was deemed to be needed by the US National Committee to get proposed for identical adoption as addenda to ANSI/AAMI/IEC 80601-2-78-2020. This international standard is recognized by FDA as it supports existing regulatory policies. Robots for therapy is an expanding area of medical equipment. While the IEC 60601 series of standards address many aspects of the basic safety of such devices, essential performance and specific unique aspects of basic safety will require a device-specific standard.

Interest Categories: Industry, User, Regulatory, General

This standard applies to the general requirements for basic safety and essential performance of medical robots that physically interact with a patient with an impairment to support or perform rehabilitation, assessment, compensation or alleviation related to the patient's movement functions, as intended by the manufacturer.

This standard does not apply to

- external limb prosthetic devices,
- electric wheelchairs,
- diagnostic imaging equipment (e.g., MRI), and
- personal care robots.

## **ACMA (American Composites Manufacturers Association)**

La'kia Phillips <[LPhillips@acmanet.org](mailto:LPhillips@acmanet.org)> | 2000 N. 15th Street, Suite 250 | Arlington, VA 22201 [www.acmanet.org](http://www.acmanet.org)

### ***New Standard***

BSR/ACMA/UCSC DC01-202x, Specification for Fiberglass Composite Crossarms for Distribution Utility Structures (new standard)

Stakeholders: FRP Manufacturers, electrical utility engineers and specifiers, electrical utility distributors

Project Need: To standardize key attributes of fiberglass crossarm materials (e.g., performance criteria, quality control, and field support), and best practices of modern fiberglass composite crossarms for use by manufacturers and specifiers.

Interest Categories: Academia, General Interest, Government/Regulatory, Manufacturer/Molder/Producer, Material/Equipment Supplier/Distributor, and User.

A minimum performance specification for fiber-reinforced polymer (FRP) crossarms, otherwise known as "fiberglass crossarms", and includes best practices and methods developed over years of field experience with fiberglass crossarms in service. This document includes finished fiberglass-crossarm assembly products, as opposed to individual components and focuses on distribution crossarm applications but does not specifically exclude transmission crossarm applications. As a result, some of the material included in this document may be applicable to crossarms used in transmission applications.

**ASTM (ASTM International)**

Lauren Daly <[accreditation@astm.org](mailto:accreditation@astm.org)> | 100 Barr Harbor Drive | West Conshohocken, PA 19428-2959 [www.astm.org](http://www.astm.org)

***New Standard***

BSR/ASTM F3102-202x, Guide for Specifying, Measuring, and Managing Impact Attenuation of Synthetic Turf Playing Systems (new standard)

Stakeholders: Artificial Turf Surfaces and Systems Industry

Project Need: This standard was mistakenly withdrawn due to not being approved within the 8 years required. This ballot will reinstate F3102 as an active standard.

Interest Categories: Producer, User, General Interest

<https://www.astm.org/get-involved/technical-committees/ansi-review>

**ASTM (ASTM International)**

Lauren Daly <[accreditation@astm.org](mailto:accreditation@astm.org)> | 100 Barr Harbor Drive | West Conshohocken, PA 19428-2959 [www.astm.org](http://www.astm.org)

***New Standard***

BSR/ASTM WK90190-202x, New Guide for Standard Guide for Forensic Photogrammetry (new standard)

Stakeholders: Digital and Multimedia Evidence Industry

Project Need: The OSAC Video/Imaging and Analysis (VITAL) Subcommittee has developed a new guideline on conducting photogrammetric examinations as a of forensic analysis.

Interest Categories: Producer, User, General Interest

This standard provides basic information on conducting photogrammetric examinations as a part of forensic analysis. The intended audience is examiners in a laboratory and/or field setting. This standard is not intended to be used as a step-by-step practice for conducting a proper forensic examination or reaching a result. This document should not be construed as legal advice.

**ASTM (ASTM International)**

Lauren Daly <[accreditation@astm.org](mailto:accreditation@astm.org)> | 100 Barr Harbor Drive | West Conshohocken, PA 19428-2959 [www.astm.org](http://www.astm.org)

***New Standard***

BSR/ASTM WK90227-202x, New Specification for Compacted Mineral-Insulated, Metal-Sheathed, High-Temperature Irradiation-Resistant Thermocouples (new standard)

Stakeholders: Thermocouples - Specifications Industry

Project Need: The standard defines the build and calibration of a high-temperature, irradiation-resistant thermocouple (HTIR-TC) for use in nuclear environments up to 1600. The standard will guide purchasers and providers with repeatable steps to produce consistent HTIR-TCs.

Interest Categories: Producer, User, General Interest

This specification establishes dimensional and material requirements for compacted, mineral-insulated, metal-sheathed (MIMS), high-temperature irradiation-resistant thermocouples (HTIR-TC) with one HTIR-TC thermoelement pair. These types of thermocouples are suitable for high neutron fluence, up to 1022 n/cm<sup>2</sup>, and a high temperature, up to 2912 [1600].

**AWI (Architectural Woodwork Institute)**

Cheryl Dermyre <[cdermyre@awinet.org](mailto:cdermyre@awinet.org)> | 46179 Westlake Drive, Suite 120 | Potomac Falls, VA 20165-5874 [www.awinet.org](http://www.awinet.org)

***New Standard***

BSR/AWI 0100-202x, AWI 0100 - Submittals (new standard)

Stakeholders: Woodwork Manufacturers, Suppliers, Design Professionals, Contractors, Associations, and Government Agencies

Project Need: Establish a standard for communicating the interpretation of design intent for architectural woodwork and related interior finishes intended to provide a well-defined level of control over a project's quality.

Interest Categories: General Interest (20 – 45 percent): Public or private organizations or individuals that have an interest in the design or use of products associated with AWI standards, but neither produce nor use them directly.

User (20 – 45 percent): Organizations or individuals that use or specify the products associated with AWI standards.

Producer (20 – 45 percent): Manufacturers of the wood products associated with AWI standards. (Trade associations and professional societies/associations need to indicate their interest category based on the interests of their organization's members.)

Submittals are the means by which the design intent is illustrated and communicated and contain Drawings, Material Data, Samples, and Mock-Ups.

**AWI (Architectural Woodwork Institute)**

Cheryl Dermyre <[cdermyre@awinet.org](mailto:cdermyre@awinet.org)> | 46179 Westlake Drive, Suite 120 | Potomac Falls, VA 20165-5874 [www.awinet.org](http://www.awinet.org)

***New Standard***

BSR/AWI 0200-202x, AWI 0200 – Care & Storage (new standard)

Stakeholders: Woodwork Manufacturers, Suppliers, Design Professionals, Contractors, Associations, and Government Agencies

Project Need: Establish a standard for the proper conditions necessary to protect architectural woodwork and related interior finishes during delivery, storage, acclimation, handling, installation, and post-installation.

Interest Categories: General Interest (20 – 45 percent): Public or private organizations or individuals that have an interest in the design or use of products associated with AWI standards, but neither produce nor use them directly.

User (20 – 45 percent): Organizations or individuals that use or specify the products associated with AWI standards.

Producer (20 – 45 percent): Manufacturers of the wood products associated with AWI standards. (Trade associations and professional societies/associations need to indicate their interest category based on the interests of their organization's members.)

This standard will provide requirements for maintaining environmental conditions before, during, and after the installation of architectural woodwork and related interior finishes.

**AWI (Architectural Woodwork Institute)**

Cheryl Dermyre <[cdermyre@awinet.org](mailto:cdermyre@awinet.org)> | 46179 Westlake Drive, Suite 120 | Potomac Falls, VA 20165-5874 [www.awinet.org](http://www.awinet.org)

***New Standard***

BSR/AWI 0300-202x, AWI 0300 - Materials (new standard)

Stakeholders: Woodwork Manufacturers, Suppliers, Design Professionals, General Contractors, Associations, and Government Agencies

Project Need: Establish a standard for architectural woodwork and related interior finishes for lumber, panel cores, and panel surfaces as well as other related materials specified, such as solid surface, natural & engineered stone, and solid phenolic..

Interest Categories: General Interest (20 – 45 percent): Public or private organizations or individuals that have an interest in the design or use of products associated with AWI standards, but neither produce nor use them directly.

User (20 – 45 percent): Organizations or individuals that use or specify the products associated with AWI standards.

Producer (20 – 45 percent): Manufacturers of the wood products associated with AWI standards. (Trade associations and professional societies/associations need to indicate their interest category based on the interests of their organization's members.)

This standard is intended to establish minimum aesthetic and performance requirements of materials and communicate material standards related to architectural woodwork and related interior finishes to ensure a well-defined level of control over the project's quality.

**AWI (Architectural Woodwork Institute)**

Cheryl Dermyre <[cdermyre@awinet.org](mailto:cdermyre@awinet.org)> | 46179 Westlake Drive, Suite 120 | Potomac Falls, VA 20165-5874 [www.awinet.org](http://www.awinet.org)

***New Standard***

BSR/AWI 0500-202x, AWI 0500 - Historic Restoration (new standard)

Stakeholders: Woodwork Manufacturers, Suppliers, Design Professionals, General Contractors, Associations, and Government Agencies

Project Need: Establish a standard for the restoration of historic architectural woodwork elements.

Interest Categories: General Interest (20 – 45 percent): Public or private organizations or individuals that have an interest in the design or use of products associated with AWI standards, but neither produce nor use them directly.

User (20 – 45 percent): Organizations or individuals that use or specify the products associated with AWI standards.

Producer (20 – 45 percent): Manufacturers of the wood products associated with AWI standards. (Trade associations and professional societies/associations need to indicate their interest category based on the interests of their organization's members.)

This standard is intended to establish minimum aesthetic and performance requirements to ensure a well-defined level of control over the quality of materials and workmanship for the restoration of historic architectural woodwork.

**AWWA (American Water Works Association)**

Madeline Rohr <[mrrohr@awwa.org](mailto:mrrohr@awwa.org)> | 6666 W. Quincy Avenue | Denver, CO 80235 [www.awwa.org](http://www.awwa.org)

***Addenda***

BSR/AWWA C623a-202x, Addendum to C623-22, Cured-In-Place Pipe (CIPP) Rehabilitation of Pressurized Potable Water Pipelines, 4 In. (100 mm) and Larger (addenda to ANSI/AWWA C623-2021)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: The purpose of this addendum is to provide functional design requirements and design checks for CIPP relining projects.

Interest Categories: User, Producer, General Interest

This addendum provides an appendix of design guidelines for relining projects based on defining the problem statement and specific design objectives, selecting appropriate suite of type and acceptance tests, facilitating CIPP product selection and design process, and verifying that the design objectives have reasonably been achieved.

**CSA (CSA America Standards Inc.)**

Debbie Chesnik <[ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org)> | 8501 East Pleasant Valley Road | Cleveland, OH 44131-5575 [www.csagroup.org](http://www.csagroup.org)

**Revision**

BSR/CSA NGV 5.1-202x, Residential fueling appliances (RFA) (revision of ANSI/CSA NGV 5.1-2022)

Stakeholders: Natural gas vehicle manufacturers, CNG infrastructure, regulators

Project Need: Revise standard for safety.

Interest Categories: General interest, Gas supplier, Producer interest, User interest

This standard details mechanical and electrical requirements for newly manufactured systems that dispense natural gas for vehicles directly into the vehicle fuel storage container and are installed in non-commercial/non-public locations. This standard does not apply to the nozzle, hose assemblies, and connection devices associated with such equipment.

**CSA (CSA America Standards Inc.)**

Debbie Chesnik <[ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org)> | 8501 East Pleasant Valley Road | Cleveland, OH 44131-5575 [www.csagroup.org](http://www.csagroup.org)

**Revision**

BSR/CSA NGV 5.2-202x, Vehicle fueling appliances (VFA) (revision of ANSI/CSA NGV 5.2-2022)

Stakeholders: Natural gas vehicle manufacturers, CNG infrastructure, regulators, consumers

Project Need: Revise for safety

Interest Categories: General interest, Gas supplier, Producer interest, User interest

This Standard details mechanical, physical, and electrical requirements for a newly manufactured appliance that dispenses natural gas for vehicles directly into the vehicle natural gas fuel storage systems from natural gas distribution systems or supply systems other than residential gas systems, referred to as vehicle fueling appliances (VFA). (NOTE: Residential fueling appliances (RFA) are addressed in CSA Standard NGV 5.1.) These requirements apply to compressed natural gas appliances for installation in commercial, nonresidential locations and nonretail fueling facilities.

**EOS/ESD (ESD Association, Inc.)**

Jennifer Kirk <[jkirk@esda.org](mailto:jkirk@esda.org)> | 218 W. Court Street | Rome, NY 13440 <https://www.esda.org>

**Revision**

BSR/EOS ESD SP17.1-202X, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items – Process Assessment Techniques (revision of ANSI/ESD SP17.1-2020)

Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial

Project Need: This document establishes a set of methodologies, techniques, and instruments to characterize a process where ESD sensitive (ESDS) items are handled. Process assessment covers risks by charged personnel, ungrounded conductors, charged ESDS items, and ESDS items in an electrostatic field.

Interest Categories: User, Manufacturer, Supplier, and General Interest

This document applies to activities that manufacture, process, assemble, install, package, label, service, test, inspect, transport, or otherwise handle electrical or electronic parts, assemblies, and equipment susceptible to damage by electrostatic discharges. This document does not apply to electrically initiated explosive items, flammable gases and liquids, or powders. The document does not address program management, compliance verification or program manager/coordinator certification. Risks due to electromagnetic sources that produce AC fields are not considered.

## **FM (FM Approvals)**

Josephine Mahnken <[josephine.mahnken@fmaprovals.com](mailto:josephine.mahnken@fmaprovals.com)> | One Technology Way | Norwood, MA 02062 [www.fmaprovals.com](http://www.fmaprovals.com)

### ***New Standard***

BSR/FM 1330-202x, Fire Pump Monitoring and Automated Testing (new standard)

Stakeholders: Fire pump manufacturers, diesel engine and electric motor fire pump driver manufacturers, fire pump controller manufacturers, industrial and commercial facilities protecting their facilities with fire pump packages, standard authorities.

Project Need: Fire-pump monitoring and automated testing systems are intended to enhance fire pump reliability and also reduce the amount of personnel time needed to inspect and test them. The automation and system technology these systems use allow for significantly improved real-time pump health information, thereby improving reliability. In all cases, these new systems are subordinate to the pump control such that they do not influence the normal starting and operation of the pump in the event of a fire.

Interest Categories: General interest, users, producers, insurance

Fire-pump monitoring systems report system trouble conditions or negative performance trends to summon qualified personnel to investigate and repair. Automated fire-pump testing systems automatically initiate and monitor weekly pump performance tests. These tests have traditionally been conducted by trained personnel and these systems eliminate this need. In the event of a problem during the test, it is automatically terminated and the system reports the failure.

## **HI (Hydraulic Institute)**

Arunima Chatterjee <[achatterjee@pumps.org](mailto:achatterjee@pumps.org)> | 300 Interpace Parkway, Building A, 3rd Floor, #280 | Parsippany, NJ 07054 [www.pumps.org](http://www.pumps.org)

### ***Revision***

BSR/HI 9.6.7-202x, Rotodynamic Pumps - Guideline for Effects of Liquid Viscosity on Performance (revision of ANSI/HI 9.6.7-2021)

Stakeholders: Manufacturers, specifiers, purchasers, and users of rotodynamic pumps.

Project Need: To improve usability and accuracy of the mathematical methodology.

Interest Categories: General, User, and Producer.

This standard covers the performance correction of rotodynamic pumps handling liquids exhibiting Newtonian-like characteristics with a viscosity greater than that of water. The standard includes a generalized method for predicting the performance of rotodynamic pumps. Theoretical methods based on loss analysis may provide more accurate predictions of the effects of liquid viscosity on pump performance when the geometry of a particular pump is known in more detail.

## HL7 (Health Level Seven)

Lynn Laakso <[lynn@hl7.org](mailto:lynn@hl7.org)> | 455 E. Eisenhower Parkway, Suite 300 #025 | Ann Arbor, MI 48108 [www.hl7.org](http://www.hl7.org)

### **Revision**

BSR/HL7 CDA R2.0 Online E2024 , HL7 Clinical Document Architecture R2.0 Online Navigation Edition 2024 (revision of ANSI/HL7 CDA, R2.1-2019)

Stakeholders: Healthcare Providers Healthcare IT Vendors EHR and PHR Systems Departmental Systems Dictation/Transcription Vendors

Project Need: The new CDA Web Publishing project is to provide easier access to the existing CDA R2.0 specification to improve the usefulness and accessibility. This project will provide access to the the RIM data types and RIM value sets and code systems and the RIM/RMIM modeling methodology. The goal is not to add or modify any normative content.

Interest Categories: Consultant, General Interest, Government/University, Payor, Pharmaceutical, Provider, Vendor

The HL7 Clinical Document Architecture (CDA®) is a web-accessible document markup standard that specifies the structure and semantics of "clinical documents" for the purpose of exchange between healthcare providers and patients. It defines a clinical document as having the following six characteristics: (1) Persistence, (2) Stewardship, (3) Potential for authentication, (4) Context, (5) Wholeness, and (6) Human readability. A CDA can contain any type of clinical content.

## ISA (Organization) (International Society of Automation)

Eliana Brazda <[ebrazda@isa.org](mailto:ebrazda@isa.org)> | 3252 S. Miami Blvd, Suite 102 | Durham, NC 27703 [www.isa.org](http://www.isa.org)

### **National Adoption**

BSR/ISA 62443-2-4-202x, Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers (identical national adoption of IEC 62443-2-4:2023, Ed. 2.0 and revision of ANSI/ISA 62443-2-4-2018)

Stakeholders: Those responsible for specifying, designing, developing, implementing, or managing IACS, with applicability in other sectors.

Project Need: As part of the 62443 series, this standard addresses the critical issue of cyber security for industrial automation and control systems (IACS), with applicability in other sectors.

Interest Categories: Producers, users, regulatory / government, architect-engineer / engineer-constructors / integrators, and general.

Specifies a comprehensive set of requirements for security-related processes that IACS service providers can offer to the asset owner during integration and maintenance activities of an Automation Solution.

## NECA (National Electrical Contractors Association)

Jeff Noren <[Jeff.Noren@NECAnet.org](mailto:Jeff.Noren@NECAnet.org)> | 1201 Pennsylvania Avenue, Suite 1200 | Washington, DC 20004 [www.neca-neis.org](http://www.neca-neis.org)

### **Revision**

BSR/NECA/NEMA 105-202X, Standard for Installing Metal Cable Tray Systems (revision of ANSI/NECA/NEMA 105-2015)

Stakeholders: Electrical contractors and their customers, Inspectors, Specifiers, Electricians, and Engineers.

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

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

Addresses shipping, handling, storing, and installing cable tray systems, and provides information on maintenance and system modification.

**NEMA (ASC C137) (National Electrical Manufacturers Association)**

Michael Erbesfeld <[Michael.Erbesfeld@nema.org](mailto:Michael.Erbesfeld@nema.org)> | 1300 N 17th Street, Suite 900 | Rosslyn, VA 22209 [www.nema.org](http://www.nema.org)

***New Standard***

BSR/C137.13-202X, Standard for Lighting Systems Automated Fault Detection (AFD) for Networked Indoor Lighting Control Systems (new standard)

Stakeholders: Lighting control system manufacturers, Building management system manufacturers, Building owners and operators

Project Need: This project is needed as faults that lighting control systems are known to experience can negatively affect system performance and the ability of the system to meet occupant needs. Networked lighting control systems that automatically detect and report these faults can reduce the time it takes to restore nominal service, reduce maintenance time, and cost, and increase the confidence in energy code compliance.

Interest Categories: Producers, Users, General Interest

This standard describes characteristic events and anomalies known to occur in indoor lighting systems that negatively impact performance and how they might be automatically detected using available networked lighting system data. The unique service disruption that these events and anomalies produce are named and defined as faults. Detection is derived from capabilities in commercial networked lighting systems. The standard includes which faults are detected for annunciation to maintenance personnel.

**NEMA (ASC C82) (National Electrical Manufacturers Association)**

Michael Erbesfeld <[Michael.Erbesfeld@nema.org](mailto:Michael.Erbesfeld@nema.org)> | 1300 N 17th St | Rosslyn, VA 22209 [www.nema.org](http://www.nema.org)

***Revision***

BSR C82.77-10-202X, Lighting Equipment - Harmonic Emission Limits - Related Power - Quality Requirements (revision of ANSI C82.77-10-2021)

Stakeholders: LED Driver manufacturers, luminaire manufacturers, government entities, laboratories, and consultants

Project Need: This project is needed to add a new requirements and test methods for LED drivers with AUX Power Supplies as described in ANSI C137.4-2021, harmonic currents uncertainty determination, and inter-harmonics.

Interest Categories: Producers, Users, General Interest

This Standard specifies power quality limits, factors, and methods of measurement for lighting equipment. This Standard covers all types of lighting equipment that is used for general illumination (typically found in residential, commercial, and industrial applications) and which is connected to any of the following commonly distributed 60-Hz alternating current (AC) power line systems.

**NEMA (National Electrical Manufacturers Association)**

Casey Granata <[casey.granata@nema.org](mailto:casey.granata@nema.org)> | 1300 North 17th Street, Suite 900 | Arlington, VA 22209 [www.nema.org](http://www.nema.org)

***New Standard***

BSR/NEMA 80056-202X, Microgrid Control Systems Performance Standard (new standard)

Stakeholders: AHJ, Producers, Testing and Standards Organizations, General Interest, User

Project Need: To bring standard in compliance with current industry needs

Interest Categories: AHJ, Producers, Testing and Standards Organizations, General Interest, User

This standard defines the performance capabilities of microgrid control systems, including testing and performance metrology. Performance capabilities of the control system which has a range of tasks to perform, including: fault management; addressing source loss; harmonics mitigation and control; capacity management (resulting from variable generation); multi-system integration (DERMS, BMS, etc.); and other performance capabilities.

## **TIA (Telecommunications Industry Association)**

Teesha Jenkins <[tjenkins@tiaonline.org](mailto:tjenkins@tiaonline.org)> | 1320 North Courthouse Road, Suite 200 | Arlington, VA 22201-2598 [www.tiaonline.org](http://www.tiaonline.org)

### ***National Adoption***

BSR/TIA 623.31-202x, Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-31: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Angled polyphenylene sulphide rectangular ferrules (identical national adoption of IEC 61755-3-31)

Stakeholders: Fiberoptic telecom, TIA 42-13

Project Need: Adopt an identical ISO or IEC standard

Interest Categories: User, Producer and General Interest

Adoption of IEC 61755-3-31: Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-31: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Angled polyphenylene sulphide rectangular ferrules as ANSI/TIA 623.31

# 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](mailto:psa@ansi.org)

\* Standard for consumer products

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## Comment Deadline: May 26, 2024

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

180 Technology Parkway, Peachtree Corners, GA 30092 | [tloxley@ashrae.org](mailto:tloxley@ashrae.org), [www.ashrae.org](http://www.ashrae.org)

#### Addenda

BSR/ASHRAE Addendum a to BSR/ASHRAE Standard 90.4-202x, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2022)

Addendum a aims to provide alignment between Standard 90.4 and ASHRAE's plans to strengthen the decarbonization components of ASHRAE standards. Standard 90.4 currently regulates data center energy consumption, but cannot regulate data center greenhouse gas emissions, environmental impact, water consumption, and other resources or considerations beyond energy under its current purpose. Addendum a expands the purpose to include resources and considerations beyond energy that contribute to data center sustainability and decarbonization.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

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

180 Technology Parkway, Peachtree Corners, GA 20092 | [knguyen@ashrae.org](mailto:knguyen@ashrae.org), [www.ashrae.org](http://www.ashrae.org)

#### Addenda

BSR/ASHRAE Addendum p to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)

This proposed addendum updates both the normative and informative references in Standard 15.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Online Comment Database at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

## Comment Deadline: May 26, 2024

### ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

#### Revision

BSR/ASME B16.40-202x, Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems (revision of ANSI/ASME B16.40-2019)

This Standard covers manually operated thermoplastic valves in nominal valve sizes 1/2 through 12. These valves are intended for use below ground in thermoplastic fuel gas distribution mains and service lines.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Andres Carrion <[CarrionA@asme.org](mailto:CarrionA@asme.org)>

### IACET (International Association for Continuing Education and Training)

2201 Cooperative Way, Suite 600, Herndon, VA 20171 | [Sherard.jones@iacet.org](mailto:Sherard.jones@iacet.org), [www.iacet.org](http://www.iacet.org)

#### Revision

BSR/IACET 1-202x, Standard for Continuing Education and Training (revision of ANSI/IACET 1-2018)

The standard provides a framework of continuous improvement to developers of adult non-credit continuing education events. The standard provides guidance for organizations designing, developing and delivering continuing education and training (CE/T) programs and is intended for organizations that want to demonstrate: (1) Their learning events meet the requirements and rigor of an internationally recognized standard; (2) Their commitment to educational rigor, excellence and integrity, and; (3) A learner completing their program has completed a quality training program that adheres to an internationally recognized standard.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [www.iacet.org/rfc](http://www.iacet.org/rfc)

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [rbrooker@nsf.org](mailto:rbrooker@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 173-202x (i110r2), Dietary Supplements (revision of ANSI/NSF 173-2022)

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](mailto:psa@ansi.org)) to: Rachel Brooker <[rbrooker@nsf.org](mailto:rbrooker@nsf.org)>

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [rbrooker@nsf.org](mailto:rbrooker@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF 455-3-202x (i40r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2022)

This standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716, as well as incorporating additional retailer requirements.

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

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

## Comment Deadline: May 26, 2024

### NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [ajump@nsf.org](mailto:ajump@nsf.org), [www.nsf.org](http://www.nsf.org)

#### Revision

BSR/NSF/CAN 372-202x (i7r1), Drinking Water System Components - Lead Content (revision of ANSI/NSF/CAN 372-2022)

This standard applies to any drinking-water system component that conveys or dispenses water for human consumption through drinking or cooking.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Amy Jump <[ajump@nsf.org](mailto:ajump@nsf.org)>

### RVIA (Recreational Vehicle Industry Association)

2465 J-17 Centreville Road, #801, Herndon, VA 20171 | [treamer@rvia.org](mailto:treamer@rvia.org), [www.rvia.org](http://www.rvia.org)

#### Revision

BSR/RVIA A119.5-202x, Park Model Recreational Vehicle Standard (revision of ANSI A119.5-2020)

This standard covers fire and life safety criteria and plumbing for Park Model Recreational Vehicles considered necessary to provide a reasonable level of protection from loss of life from fire and explosion. It reflects situations and the state of the art prevalent at the time the Standard was issued. Unless otherwise noted, it is not intended that the provisions of this document be applied to facilities, equipment, structures, or installations which were existing or approved for construction or installation prior to the effective date of the document, except in those cases where it is determined by the Authority Having Jurisdiction that the existing situation involves a distinct hazard to life or adjacent property.

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

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Tyler Reamer <[treamer@rvia.org](mailto:treamer@rvia.org)>

### ULSE (UL Standards & Engagement)

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

#### Revision

BSR/UL 746C-202x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2023)

This proposal for UL 746C covers the following topics: (1) Addition of Requirements for Testing Un-Notched Izod Impact Specimens to Paragraph 57.2.1 as Exception No. 3; (2) Addition of Requirements for Improvements to Water Immersion Testing in Section 58; and (3) Addition of Fahrenheit Temperature Values to Table 69.1.

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

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

### ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | [Linda.L.Phinney@ul.org](mailto:Linda.L.Phinney@ul.org), <https://ulse.org/>

#### Revision

BSR/UL 758-202X, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2022)

Addition of Silvered Copper-Beryllium Alloy to Table 5.3 and Addition of Silver and Nickel Coated Copper Alloy to Table 5.3

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

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

## Comment Deadline: May 26, 2024

### ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | [Vickie.T.Hinton@ul.org](mailto: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 1203-2023)

(1) Revisions to the marking for component enclosures that have been tested for explosion pressure and propagation and the effects of short-circuit explosion testing with circuit breakers as the ignition source in Clause 59.23. Clause 59.24 is proposed to be deleted as the requirement is covered in Clause 59.23.

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

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

## Comment Deadline: June 10, 2024

### ANS (American Nuclear Society)

1111 Pasquinelli Drive, Suite 350, Westmont, IL 60559 | [kmurdoch@ans.org](mailto:kmurdoch@ans.org), [www.ans.org](http://www.ans.org)

#### Reaffirmation

BSR/ANS 8.15-2014 (R202x), Nuclear Criticality Control of Selected Actinide Nuclides (reaffirmation of ANSI/ANS 8.15-2014 (R2019))

This Standard is applicable to operations with the following nuclides: 232U, 234U, 237Np, 236Pu, 238Pu, 240Pu, 241Pu, 242Pu, 241Am, 242mAm, 243Am, 242Cm, 243Cm, 244Cm, 245Cm, 246Cm, 247Cm, 249Cf, and 251Cf. Subcritical mass limits are presented for isolated units. The limits are not applicable to interacting units.

Single copy price: \$50.00

Obtain an electronic copy from: [orders@ans.org](mailto:orders@ans.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Patricia Schroeder <[pschroeder@ans.org](mailto:pschroeder@ans.org)>

### ASA (ASC S12) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | [standards@acousticalsociety.org](mailto:standards@acousticalsociety.org), [www.acousticalsociety.org](http://www.acousticalsociety.org)

#### Revision

BSR S12.61-202x, Declaration and Verification of Noise Emission Values of Machinery, Equipment, and Products (revision of ANSI/ASA S12.61-2020)

The abstract will be substantially the same as the current abstract, but there may be slight changes once WG38 has deliberated and agreed on the revisions. Information on the acoustical noise emitted by machinery, equipment, and products is needed by consumers, manufacturers, building and land-use planners, governmental authorities, and others concerned about noise in order to make informed purchasing decisions.

Single copy price: \$136.00

Obtain an electronic copy from: [standards@acousticalsociety.org](mailto:standards@acousticalsociety.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Nancy Blair-DeLeon <[standards@acousticalsociety.org](mailto:standards@acousticalsociety.org)>

## Comment Deadline: June 10, 2024

### **ASABE (American Society of Agricultural and Biological Engineers)**

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

#### **Revision**

BSR/ASABE S625.2 MONYEAR-202x, Drawbar Pin Dimensions and Requirements for Towing Machine with Clevis (revision and redesignation of ANSI/ASABE S625.1-JUL2018 (R2022))

Add Category PA drawbar a nominal 25-mm (1-inch) pin for special applications. Updated the endurance strength and impact strength test to a straight pull. Moved the calculations for endurance strength and impact strength to an informative annex. Updated the “drawbar pin keeper” and “drawbar pin secondary keeper” definitions.

Single copy price: Free

Obtain an electronic copy from: [stell@asabe.org](mailto:stell@asabe.org)

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

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

520 N. Northwest Highway, Park Ridge, IL 60068 | [TFisher@ASSP.org](mailto:TFisher@ASSP.org), [www.assp.org](http://www.assp.org)

#### **Revision**

BSR/ASSP A10.1-202X, Pre-Project & Pre-Task Safety and Health Planning (revision and redesignation of ANSI/ASSE A10.1-2011 (R2017))

This standard establishes the elements and activities for pre-project and pre-task safety and health planning in construction.

Single copy price: \$125.00

Obtain an electronic copy from: Tim Fisher at [TFisher@assp.org](mailto:TFisher@assp.org)

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

### **ASSP (Safety) (American Society of Safety Professionals)**

520 N. Northwest Highway, Park Ridge, IL 60068 | [rblanchette@assp.org](mailto:rblanchette@assp.org), [www.assp.org](http://www.assp.org)

#### **Revision**

BSR/ASSP Z15.1-202X, Safe Practices for Motor Vehicle Operations (revision and redesignation of ANSI/ASSE Z15.1-2017)

This standard sets forth practices for the safe management and operation of motor vehicles owned or operated by organizations. These practices are designed for use by those having the responsibility for the administration and operation of motor vehicles for organizational business.

Single copy price: \$125.00

Obtain an electronic copy from: [rblanchette@assp.org](mailto:rblanchette@assp.org)

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

### **AWS (American Welding Society)**

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | [bboddiger@aws.org](mailto:bboddiger@aws.org), [www.aws.org](http://www.aws.org)

#### **New Standard**

BSR/AWS B5.4-202x, Specification for the Qualification of Welder Test Facilities (new standard)

This specification defines the requirements for the qualification of welder test facilities.

Single copy price: \$26.00 Member/\$34.50 Non-Member

Obtain an electronic copy from: [bboddiger@aws.org](mailto:bboddiger@aws.org)

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

## Comment Deadline: June 10, 2024

### **AWWA (American Water Works Association)**

6666 W. Quincy Avenue, Denver, CO 80235 | [mrohr@awwa.org](mailto:mrohr@awwa.org), [www.awwa.org](http://www.awwa.org)

#### **Revision**

BSR/AWWA C214-202x, Machine-Applied Polyolefin Tape Coatings for Steel Water Pipe (revision of ANSI/AWWA C214-2020)

This standard describes the materials and application of prefabricated polyolefin tape coating systems in coating plants at fixed sites using coating techniques and equipment as recommended by the tape coating manufacturer. For normal construction considerations, tape coatings are applied as a three-layer system consisting of (1) liquid adhesive, (2) corrosion-preventive tape (inner layer), and (3) mechanical-protective tape (outer layer). This standard establishes the minimum requirements for tape coating systems used on the exterior of steel water pipes.

Single copy price: Free

Obtain an electronic copy from: [ETSsupport@awwa.org](mailto:ETSsupport@awwa.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: AWWA, Paul J. Olson ([polson@awwa.org](mailto:polson@awwa.org))

### **CSA (CSA America Standards Inc.)**

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org), [www.csagroup.org](http://www.csagroup.org)

#### **Reaffirmation**

BSR/CSA CHMC 2 (R202x), Test methods for evaluating material compatibility in compressed hydrogen applications - Polymers (reaffirmation of ANSI/CHMC 2-2019)

This Standard provides uniform test methods for evaluating material compatibility in compressed hydrogen applications. The results of these tests are intended to provide a basis for comparison of materials performance in applications using compressed hydrogen. This Standard applies to polymer materials only. This Standard is not intended to replace sound engineering judgment or component testing in hydrogen applications; additional testing considerations based on applicable standards and relevant failure modes should be conducted to fully qualify the polymer in the design of a component manufactured for use in certain hydrogen applications.

Single copy price: Free

Obtain an electronic copy from: [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Debbie Chesnik ([ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org))

### **CSA (CSA America Standards Inc.)**

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org), [www.csagroup.org](http://www.csagroup.org)

#### **Reaffirmation**

BSR/CSA LC 7-2009 (R202x), Pipe Joint Sealing Compounds and Materials (reaffirmation of ANSI/CSA LC 7-2009 (R2019))

Details test and examination criteria for pipe joint sealing compounds including paste, semi-liquid type, and polymeric tape intended for sealing threaded joints on metal piping having NPT tapered threads.

Single copy price: Free

Obtain an electronic copy from: [ansi.contact@CSAGroup.org](mailto:ansi.contact@CSAGroup.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: [ansi.contact@CSAGroup.org](mailto:ansi.contact@CSAGroup.org)

## Comment Deadline: June 10, 2024

### **CTA (Consumer Technology Association)**

1919 South Eads Street, Arlington, VA 22202 | [cakers@cta.tech](mailto:cakers@cta.tech), [www.cta.tech](http://www.cta.tech)

#### ***New Standard***

BSR/CTA 2113-202x, Best Practices and Recommendations for Telehealth Solutions (new standard)

To identify best practices for telehealth solutions to include technology applications from examination, integration of biometrics/vital sign measurements, testing, prescription management, and long-term care, management and monitoring.

Single copy price: Free

Obtain an electronic copy from: [standards@cta.tech](mailto:standards@cta.tech)

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

### **EOS/ESD (ESD Association, Inc.)**

218 W. Court Street, Rome, NY 13440 | [jkirk@esda.org](mailto:jkirk@esda.org), <https://www.esda.org>

#### ***Reaffirmation***

BSR/ESD SP27.1-2018 (R202x), ESD Association Standard Practice for the Recommended Information Flow Regarding Potential EOS Issues between Automotive OEM, Tier 1, and Semiconductor Manufacturers (reaffirmation of ANSI/ESD SP27.1-2018)

This document applies to any electronic component, module, or assembly exhibiting electrically induced physical damage (EIPD) that is suspected to be a result of EOS.

Single copy price: \$165.00 List/\$135.00 Member

Obtain an electronic copy from: [cearl@esda.org](mailto:cearl@esda.org)

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

### **NECA (National Electrical Contractors Association)**

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | [Jeff.Noren@NECANet.org](mailto:Jeff.Noren@NECANet.org), [www.neca-neis.org](http://www.neca-neis.org)

#### ***Revision***

BSR/NECA 700-202X, Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2016)

This Standard describes the application procedures for selecting and adjusting low-voltage overcurrent protective devices (OCPDs) to achieve selective coordination.

Single copy price: \$30.00 Members; \$60.00 Non-Members

Obtain an electronic copy from: Email: [neis@necanet.org](mailto:neis@necanet.org)

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

### **NEMA (ASC C18) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Arlington, VA 22209 | [Khaled.Masri@nema.org](mailto:Khaled.Masri@nema.org), [www.nema.org](http://www.nema.org)

#### ***Revision***

BSR C18.1M Part 2-202X, Standard for Portable Primary Cells and Batteries with Aqueous Electrolyte - Safety Standard (revision of ANSI C18.1M, Part 2-2019)

This standard specifies tests and requirements for portable primary batteries with aqueous electrolyte and zinc anode (non-lithium) to ensure their safe operation under normal use and reasonably foreseeable misuse.

Single copy price: \$109.00

Obtain an electronic copy from: [Khaled.Masri@nema.org](mailto:Khaled.Masri@nema.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Khaled Masri <[Khaled.Masri@nema.org](mailto:Khaled.Masri@nema.org)>

## Comment Deadline: June 10, 2024

### **RESNET (Residential Energy Services Network, Inc.)**

P.O. Box 4561, Oceanside, CA 92052 | [rick.dixon@resnet.us](mailto:rick.dixon@resnet.us), [www.resnet.us.com](http://www.resnet.us.com)

#### **Revision**

BSR/RESNET/ICC 380-202x, Standard for Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems (revision of ANSI/RESNET/ICC 380-2022)

The project is the triennial update to Standard ANSI/RESNET/ICC 380.

Single copy price: \$55.00

Obtain an electronic copy from: Download by following the “ANSI Standards & Amendments Out For Public Comment” link on webpage, <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: RESNET using the online form for the draft at <https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/>, under link “ANSI Standards & Amendments Out For Public Comment”

### **TIA (Telecommunications Industry Association)**

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | [tjenkins@tiaonline.org](mailto:tjenkins@tiaonline.org), [www.tiaonline.org](http://www.tiaonline.org)

#### **New Standard**

BSR/TIA 568.7-202x, Balanced single twisted-pair cabling and components standard for industrial premises (new standard)

Create a standard for defining the transmission requirements for industrial cabling and components supporting single balanced twisted-pair cabling for MICE2 and MICE3 environments. Specify components that meet the transmission requirements for cabling for Industrial Premises. This Standard establishes performance and technical criteria in support of single-pair applications such as Ethernet. The entire document is open.

Single copy price: \$109.00

Obtain an electronic copy from: [standards-process@tiaonline.org](mailto:standards-process@tiaonline.org)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Cheryl Thibideau <[standards-process@tiaonline.org](mailto:standards-process@tiaonline.org)>

### **ULSE (UL Standards & Engagement)**

1603 Orrington Ave, Evanston, IL 60210 | [alan.t.mcgrath@ul.org](mailto:alan.t.mcgrath@ul.org), <https://ulse.org/>

#### **National Adoption**

BSR/UL 60730-2-15-202X, Standard for Automatic Electrical Controls - Part 2-15: Particular Requirements for Automatic Electrical Air Flow, Water Flow and Water Level Sensing Controls (national adoption of IEC 60730-2-15 with modifications and revision of ANSI/UL 60730-2-15-2019)

Removal of pressure limit in the scope of UL 60730-2-15.

Single copy price: Free

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

Send comments (copy [psa@ansi.org](mailto: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: June 25, 2024

### ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

#### Reaffirmation

BSR/ASME B1.5-1997 (R202x), ACME Screw Threads (reaffirmation of ANSI/ASME B1.5-1997 (R2014))

This Standard provides for two general applications of Acme threads: namely, general purpose and centralizing.

Single copy price: \$104.00

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Sanum Khan, PE

### ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

#### Reaffirmation

BSR/ASME B1.20.5-1991 (R202x), Gaging for Dryseal Pipe Threads - Inch (reaffirmation of ANSI/ASME B1.20.5-1991 (R2019))

The scope of this Standard is to provide information regarding practical dryseal thread inspection methods and commonly used gages for production evaluation purposes.

Single copy price: \$65.00

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Daniel Papert <[papertd@asme.org](mailto:papertd@asme.org)>

### ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

#### Reaffirmation

BSR/ASME PTC 12.3-1997 (R202x), Performance Test Code on Deaerators (reaffirmation of ANSI/ASME PTC 12.3-1997 (R2019))

The purpose of this Code is to provide rules and test procedures that are to be used to determine the performance of deaerators.

Single copy price: \$72.00

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Daniel Papert <[papertd@asme.org](mailto:papertd@asme.org)>

### ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

#### Revision

BSR/ASME B30.12-202x, Handling Loads Suspended from Rotorcraft (revision of ANSI/ASME B30.12-2011 (R2021))

B30.12 applies to the load handling activity (LHA), of loads suspended from rotorcraft using a cargo sling or powered hoist, or other attaching means to lift, carry, pull, or tow a jettisonable load outside of the rotorcraft airframe.

Single copy price: Free

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Kathleen Peterson <[peteronk@asme.org](mailto:peteronk@asme.org)>

## Comment Deadline: June 25, 2024

### ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

#### **Stabilized Maintenance**

BSR/ASME B1.10M-2004 (S202x), Unified Miniature Screw Threads (stabilized maintenance of ANSI/ASME B1.10M-2004 (R2019))

This Standard specifies the thread form, series, tolerance, and designation for the Unified Miniature Screw Threads.

Single copy price: \$43.00

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Sanum Khan, PE

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### **New Standard**

BSR/IEEE 303-202x, Recommended Practice for Auxiliary Devices for Rotating Electrical Machines in Class I, Division 2 and Zone 2 Locations and Class II, Division 2 and Zone 22 Locations (new standard)

This recommended practice applies to the application and installation procedures of auxiliary devices in or on electric rotating machines that are employed in hazardous locations classified as Class I, Division 2 and Zone 2 and Class II, Division 2 and Zone 22 under commonly used worldwide regulations. These regulations are: the National Electrical Code® (NEC®); the Canadian Electrical Code (CE Code); and combined practices of the International Electrotechnical Commission (IEC). Included is a list of source documents, definitions and nomenclature. Devices include terminal housings, heaters, surge protection, power factor correction capacitors, shaft bonding (shaft grounding), and enclosures. Special marking requirements are also discussed.

Single copy price: \$56.00

Obtain an electronic copy from: <https://store accuristech.com/ieee/searches/40910302>

Order from: <https://store accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### **New Standard**

BSR/IEEE 605-202x, Guide for Bus Design in Air Insulated Substations (new standard)

A proper design of the substation bus aims towards a safe and reliable operation of the substation and the power system. Two different types of buses are used in substations, the rigid bus and the strain (cable). This guide provides information on the different bus arrangements used in substations stating the advantages and disadvantages of each. Also it provides information as related to each bus type and construction. Once the bus type is selected, this guide provides the calculation tools for each bus type. Based on these calculations, the engineer can specify the bus size, forces acting on the bus structure, number of mounting structures required, and hardware requirements.

Single copy price: \$193.00

Obtain an electronic copy from: <https://store accuristech.com/ieee/searches/40910744>

Order from: <https://store accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

## Comment Deadline: June 25, 2024

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### ***New Standard***

BSR/IEEE 1692-202x, Guide for the Protection of Communication Installations from Lightning Effects (new standard)

The document addresses methods and practices necessary to reduce the risk of damages to communications equipment within structures arising from lightning surges causing GPR (ground potential rise) and similar potential differences.

Single copy price: \$65.00

Obtain an electronic copy from: [https://store.accuristech.com/ieee/standards/ieee-p1692?product\\_id=2522843](https://store.accuristech.com/ieee/standards/ieee-p1692?product_id=2522843)

Order from: <https://store.accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### ***New Standard***

BSR/IEEE 2145-202x, Trial-Use Recommended Practice for Framework and Definitions for Blockchain Governance (new standard)

Provided in this standard is a common nomenclature and framework for describing blockchain governance across all use cases and contexts, including public, private, permissioned, permissionless, and hybrid. The standard is only normative regarding terminology. It is non-normative with respect to the design of particular blockchain protocols and systems. Where two terms are in common use for one concept, the standard shall define both terms and elaborate on any meaningful distinctions between them.

Single copy price: \$59.00

Obtain an electronic copy from: <https://store.accuristech.com/ieee/searches/40910048>

Order from: <https://store.accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### ***New Standard***

BSR/IEEE C37.68-202x, Standard for Design, Test, and Application Requirements for Microprocessor-Based Controls of Distribution Pad-Mount, Dry Vault, Wet Vault, and Polemount Switchgear Rated Above 1 kV and Up to and Including 38 kV (new standard)

Basic requirements intended to mitigate the effects of the harsh environments encountered by microprocessor-based controls of distribution switchgear rated above 1 kV up to and including 38 kV are covered. Basic requirements include the design, testing and application of microprocessor-based controls. Microprocessor-based controls covered by IEEE Std C37.68™ are intended to be applied in distribution switchgear which is normally mounted on power poles, in wet or dry vaults, or in pad-mounted switchgear enclosures

Single copy price: \$63.00

Obtain an electronic copy from: <https://store.accuristech.com/ieee/searches/42481113>

Order from: <https://store.accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

## Comment Deadline: June 25, 2024

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### ***New Standard***

BSR/IEEE C57.12.28-202x, Standard for Pad-Mounted Equipment - Enclosure Integrity (new standard)

Conformance tests and requirements for the coating integrity of above grade pad-mounted enclosures that contain apparatus energized in excess of 600 V and that may be exposed to the general public. These include, but are not limited to, the following types of equipment enclosures: pad-mounted capacitors or inductors, pad-mounted distribution transformers, pad-mounted junction enclosures, pad-mounted metering equipment, pad-mounted switchgear, and pad-mounted voltage regulators

Single copy price: \$59.00

Obtain an electronic copy from: [https://store accuristech.com/ieee/standards/ieee-pc57-12-28?product\\_id=2561932](https://store accuristech.com/ieee/standards/ieee-pc57-12-28?product_id=2561932)

Order from: <https://store accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### ***Revision***

BSR/IEEE 1800-202x, Standard for System Verilog - Unified Hardware Design, Specification, and Verification Language (revision of ANSI/IEEE 1800-2012)

The definition of the language syntax and semantics for SystemVerilog, which is a unified hardware design, specification, and verification language, is provided. This standard includes support for modeling hardware at the behavioral, register transfer level (RTL), and gate-level abstraction levels, and for writing test benches using coverage, assertions, object-oriented programming, and constrained random verification. The standard also provides application programming interfaces (APIs) to foreign programming languages. (The PDF of this standard is available at no cost at <https://ieeexplore.ieee.org/browse/standards/get-program/page> compliments of Accellera Systems Initiative.)

Single copy price: Free

Obtain an electronic copy from: <https://ieeexplore.ieee.org/browse/standards/get-program/page>

Order from: <https://store accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

## Comment Deadline: June 25, 2024

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### Revision

BSR/IEEE 11073-10419-202x, Standard for Health Informatics - Device Interoperability - Part 10419: Personal Health Device Communication - Device Specialization - Insulin Pump (revision of ANSI/IEEE 11073-10419-2015) Within the context of the ISO/IEEE 11073 family of standards for device communication, a normative definition of communication between personal telehealth insulin pump devices and compute engines (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability, is established in this standard. Appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards are leveraged. The use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability are specified. A common core of communication functionality for personal telehealth insulin pump devices is defined

Single copy price: \$123.00

Obtain an electronic copy from: <https://store accuristech.com/ieee/searches/40475151>

Order from: <https://store accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto:s.merten@ieee.org)>

### IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | [s.merten@ieee.org](mailto:s.merten@ieee.org), [www.ieee.org](http://www.ieee.org)

#### Revision

BSR/IEEE C37.123-202x, Guide for Specifications for High-Voltage Gas-Insulated Substations Rated Above 52 kV (revision of ANSI/IEEE C37.123-2016)

The development of specifications for the technical requirements for the design, fabrication, testing, installation, and in-service performance of a high-voltage gas-insulated substation (GIS) are covered in this guide

Single copy price: \$84.00

Obtain an electronic copy from: [https://store accuristech.com/ieee/standards/ieee-pc37-123?product\\_id=2566261](https://store accuristech.com/ieee/standards/ieee-pc37-123?product_id=2566261)

Order from: <https://store accuristech.com/>

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Suzanne Merten <[s.merten@ieee.org](mailto: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:

### ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | [companion@asabe.org](mailto:companion@asabe.org), <https://www.asabe.org/>

BSR/ASABE S642.1-202x, Recommended Methods for Measurement and Testing of LED Products for Plant Growth and Development (revision and redesignation of ANSI/ASABE S642-SEPT2018)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Walter Brace <[brace@asabe.org](mailto:brace@asabe.org)>

## **Project Withdrawn**

### **FM (FM Approvals)**

One Technology Way, Norwood, MA 02062 | [josephine.mahnken@fmapprovals.com](mailto:josephine.mahnken@fmapprovals.com), [www.fmapprovals.com](http://www.fmapprovals.com)

BSR/FM 4930-202x, Evaluating Fire, Wind and Seismic Performance of Water-Based Cooling Towers (new standard)

Send comments (copy [psa@ansi.org](mailto:psa@ansi.org)) to: Josephine Mahnken <[josephine.mahnken@fmapprovals.com](mailto:josephine.mahnken@fmapprovals.com)>

# 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.

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## **AAMI (Association for the Advancement of Medical Instrumentation)**

901 North Glebe Road, Suite 300, Arlington, VA 22203 | [MWilliams@aami.org](mailto:MWilliams@aami.org), [www.aami.org](http://www.aami.org)

ANSI/AAMI/ISO 20417-2021, Medical devices - Information to be supplied by the manufacturer (identical national adoption of ISO 20417:2021) Final Action Date: 4/16/2024 | *National Adoption*

ANSI/AAMI ST90-2017 (R2024), Processing of Health Care Products - Quality Management Systems for Processing in Health Care Facilities (reaffirmation of ANSI/AAMI ST90-2017) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/AAMI/ISO 11138-3 (R2024), Sterilization of health care products-Biological indicators-Part 3: Biological indicators for moist heat sterilization processes (reaffirm a national adoption ANSI/AAMI/ISO 11138-3-2017) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/AAMI/ISO 11138-4 (R2024), Sterilization of health care products-Biological indicators-Part 4: Biological indicators for dry heat sterilization processes (reaffirm a national adoption ANSI/AAMI/ISO 11138-4-2017) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/AAMI/ISO 11138-5 (R2024), Sterilization of health care products-Biological indicators-Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (reaffirm a national adoption ANSI/AAMI/ISO 11138-5-2017) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/AAMI/ISO 11138-1-2017 (R2024), Sterilization of health care products-Biological indicators-Part 1: General requirements (reaffirm a national adoption ANSI/AAMI/ISO 11138-1-2017) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/AAMI/ISO 11138-2-2017 (R2024), Sterilization of health care products-Biological indicators-Part 2: Biological indicators for ethylene oxide sterilization processes (reaffirm a national adoption ANSI/AAMI/ISO 11138-2-2017) Final Action Date: 4/16/2024 | *Reaffirmation*

## **AGA (ASC B109) (American Gas Association)**

400 N. Capitol St., NW, Suite 450, Washington, DC 20001 | [lescobar@aga.org](mailto:lescobar@aga.org), [www.aga.org](http://www.aga.org)

ANSI B109.5-2024, Self-Operated Diaphragm-Type Natural Gas Service Regulators for Nominal Pipe Size Up to and including 2 inches (50 mm) and Inlet Pressures up to 125 psig (861.6 kPa) with Outlet Pressure of 20 psig (138 kPa) or Less not Covered in ANSI B109.4N (new standard) Final Action Date: 4/16/2024 | *New Standard*

ANSI B109.1-2019 (R2024), Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet per Hour Capacity) (reaffirmation of ANSI B109.1-2019) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI B109.3-2019 (R2024), Rotary-Type Gas Displacement Meters (reaffirmation of ANSI B109.3-2019) Final Action Date: 4/16/2024 | *Reaffirmation*

## **ASA (ASC S1) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | [standards@acousticalsociety.org](mailto:standards@acousticalsociety.org), [www.acousticalsociety.org](http://www.acousticalsociety.org)

ANSI/ASA S1.16-2000 (R2024), Method for Measuring the Performance of Noise Discriminating and Noise Canceling Microphones (reaffirmation of ANSI/ASA S1.16-2000 (R2020)) Final Action Date: 4/18/2024 | *Reaffirmation*

**ASA (ASC S12) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | [standards@acousticalsociety.org](mailto:standards@acousticalsociety.org), [www.acousticalsociety.org](http://www.acousticalsociety.org)

ANSI/ASA S12.64-2009/Part 1 (R2024), Quantities and Procedures for Description and Measurement of Underwater Sound from Ships - Part 1: General Requirements (reaffirmation of ANSI/ASA S12.64-2009/Part 1 (R2019)) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/ASA S12.60/Part 1-2010 (R2024), Performance Criteria, Design Requirements, and Guidelines for Schools - Part 1: Permanent Schools (reaffirmation of ANSI/ASA S12.60/Part 1-2010 (R2020)) Final Action Date: 4/16/2024 | *Reaffirmation*

**ASA (ASC S3) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | [standards@acousticalsociety.org](mailto:standards@acousticalsociety.org), [www.acousticalsociety.org](http://www.acousticalsociety.org)

ANSI/ASA S3.13-1987 (R2024), Mechanical Coupler for Measurement of Bone Vibrators (reaffirmation of ANSI/ASA S3.13-1987 (R2020)) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/ASA S3.25-2009 (R2024), Standard for an Occluded Ear Simulator (reaffirmation of ANSI/ASA S3.25-2009 (R2019)) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/ASA S3.45-2009 (R2024), Procedures for Testing Basic Vestibular Function (reaffirmation of ANSI/ASA S3.45-2009 (R2019)) Final Action Date: 4/16/2024 | *Reaffirmation*

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

180 Technology Parkway, Peachtree Corners, GA 30092 | [mweber@ashrae.org](mailto:mweber@ashrae.org), [www.ashrae.org](http://www.ashrae.org)

ANSI/ASHRAE Addendum 62.1j-2022, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022) Final Action Date: 4/22/2024 | *Addenda*

ANSI/ASHRAE Addendum 62.1k-2022, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022) Final Action Date: 4/22/2024 | *Addenda*

ANSI/ASHRAE Addendum u to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022) Final Action Date: 4/22/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum k to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022) Final Action Date: 4/22/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum m to ANSI/ASHRAE/IES Standard 90.2-2018, High-Performance Energy Design of Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018) Final Action Date: 4/22/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum n to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022 ,) Final Action Date: 4/22/2024 | *Addenda*

ANSI/ASHRAE/IES Addendum o to ANSI/ASHRAE/IES Standard 90.2-2018, High-Performance Energy Design of Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018) Final Action Date: 4/22/2024 | *Addenda*

**ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | [accreditation@astm.org](mailto:accreditation@astm.org), [www.astm.org](http://www.astm.org)

ANSI/ASTM D4726-2024, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2018) Final Action Date: 4/16/2024 | *Revision*

**ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | [accreditation@astm.org](mailto:accreditation@astm.org), [www.astm.org](http://www.astm.org)

ANSI/ASTM F858-2024, Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type (revision of ANSI/ASTM F858-2018) Final Action Date: 4/16/2024 | *Revision*

ANSI/ASTM F2432-2024, Specification for Ice Making Machines, Ice Maker-Dispensers, and Ice Dispensing Equipment (revision of ANSI/ASTM F2432-2012 (R2018)) Final Action Date: 4/16/2024 | *Revision*

**AVIXA (Audiovisual and Integrated Experience Association)**

11242 Waples Mill Road, Suite 200, Fairfax, VA 22030 | [lovecash@avixa.org](mailto:lovecash@avixa.org), [www.avixa.org](http://www.avixa.org)

ANSI/AVIXA D402.02-2013 (R2024), Audiovisual Systems Performance Verification (reaffirmation of ANSI/INFOCOMM 10-2013) Final Action Date: 4/22/2024 | *Reaffirmation*

**AWS (American Welding Society)**

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | [kbulger@aws.org](mailto:kbulger@aws.org), [www.aws.org](http://www.aws.org)

ANSI/AWS A5.01M/A5.01:2019 (ISO 14344:2010 MOD) (R2024), Welding and Brazing Consumables-Procurement of Filler Metals and Fluxes (reaffirm a national adoption ANSI/AWS A5.01M/A5.01:2019 (ISO 14344:2010 MOD)) Final Action Date: 4/16/2024 | *Reaffirmation*

**AWWA (American Water Works Association)**

6666 W. Quincy Avenue, Denver, CO 80235 | [polson@awwa.org](mailto:polson@awwa.org), [www.awwa.org](http://www.awwa.org)

ANSI/AWWA D101-2024, Evaluation of Steel Water Tanks and Related Facilities (new standard) Final Action Date: 4/16/2024 | *New Standard*

**BHMA (Builders Hardware Manufacturers Association)**

17 Faulkner Drive, Niantic, CT 06357 | [mtierney@kellencompany.com](mailto:mtierney@kellencompany.com), [www.buildershardware.com](http://www.buildershardware.com)

ANSI/BHMA A156.4-2024, Door Controls and Pivots (revision of ANSI/BHMA A156.4-2019) Final Action Date: 4/18/2024 | *Revision*

ANSI/BHMA A156.31-2024, Standard for Electric Strikes and Frame Mounted Actuators (revision of ANSI/BHMA A156.31-2019) Final Action Date: 4/18/2024 | *Revision*

**HI (Hydraulic Institute)**

300 Interpace Parkway, Building A, 3rd Floor, #280, Parsippany, NJ 07054 | [asisto@pumps.org](mailto:asisto@pumps.org), [www.pumps.org](http://www.pumps.org)

ANSI/HI 7.6-2024, Controlled-Volume Metering Pumps for Tests (revision of ANSI/HI 7.6-2018) Final Action Date: 4/16/2024 | *Revision*

**HL7 (Health Level Seven)**

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | [lynn@hl7.org](mailto:lynn@hl7.org), [www.hl7.org](http://www.hl7.org)

ANSI/HL7 FHIR® OBS R1-2019 (R2024), HL7 FHIR R4 Observation, Release 1 (reaffirmation of ANSI/HL7 FHIR® OBS R1-2019) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/HL7 FHIR® R4 INFRASTRUCTURE R1-2019 (R2024), HL7 FHIR® R4 Infrastructure, Release 1 (reaffirmation of ANSI/HL7 FHIR® R4 INFRASTRUCTURE R1-2019) Final Action Date: 4/18/2024 | *Reaffirmation*

ANSI/HL7 FHIR® R4 PATIENT R1-2019 (R2024), HL7 FHIR® R4 Patient, Release 1 (reaffirmation of ANSI/HL7 FHIR R4 PATIENT R1-2019) Final Action Date: 4/16/2024 | *Reaffirmation*

ANSI/HL7 FHIR® R4 TERMINOLOGY R1-2019 (R2024), HL7 FHIR R4 Terminology & Conformance, Release 1 (reaffirmation of ANSI/HL7 FHIR R4 TERMINOLOGY R1-2019) Final Action Date: 4/16/2024 | *Reaffirmation*

**HL7 (Health Level Seven)**

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | [lynn@hl7.org](mailto:lynn@hl7.org), [www.hl7.org](http://www.hl7.org)

ANSI/HL7 IG UDI, R2-2020 (R2024), HL7 Cross Paradigm Implementation Guide: UDI Pattern, Release 2 (reaffirmation of ANSI/HL7 IG UDI, R2-2020) Final Action Date: 4/16/2024 | *Reaffirmation*

**ICC (International Code Council)**

4051 Flossmoor Road, Country Club Hills, IL 60478 | [kaittaniemi@iccsafe.org](mailto:kaittaniemi@iccsafe.org), [www.iccsafe.org](http://www.iccsafe.org)

ANSI/ICC 903/SRCC 500-2024, Solar Hot Water Storage Tank Standard (new standard) Final Action Date: 4/16/2024 | *New Standard*

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

4043 S Eastern Ave., Las Vegas, NV 89119 | [mwashington@iicrcnet.org](mailto:mwashington@iicrcnet.org), <https://www.iicrc.org>

ANSI/IICRC S520-2024, Professional Mold Remediation (revision of ANSI/IICRC S520-2015) Final Action Date: 4/16/2024 | *Revision*

**ISA (International Society of Automation)**

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | [lfranke@isa.org](mailto:lfranke@isa.org), [www.isa.org](http://www.isa.org)

ANSI/ISA 75.19.01-2024, Hydrostatic Testing of Control Valves (new standard) Final Action Date: 4/18/2024 | *New Standard*

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

700 K Street NW, Suite 600, Washington, DC 20001 | [comments@standards.incits.org](mailto:comments@standards.incits.org), [www.incits.org](http://www.incits.org)

INCITS/ISO/IEC 1539-1:2023 [2024], Programming Languages - Fortran - Part 1: Base Language (identical national adoption of ISO/IEC 1539-1:2023 and revision of INCITS/ISO/IEC 1539-1:2018 [2019]) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 4922-1:2023 [2024], Information security - Secure multiparty computation - Part 1: General (identical national adoption of ISO/IEC 4922-1:2023) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 9797-1:2011/AM1:2023 [2024], Information technology - Security techniques - Message Authentication Codes (MACs) - Part 1: Mechanisms using a block cipher - Amendment 1 (identical national adoption of ISO/IEC 9797-1:2011/AM1:2023) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 19989-1:2020 [2024], Information security - Criteria and methodology for security evaluation of biometric systems - Part 1: Framework (identical national adoption of ISO/IEC 19989-1:2020) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 19989-2:2020 [2024], Information security - Criteria and methodology for security evaluation of biometric systems - Part 2: Biometric recognition performance (identical national adoption of ISO/IEC 19989-2:2020) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 19989-3:2020 [2024], Information security - Criteria and methodology for security evaluation of biometric systems - Part 3: Presentation attack detection (identical national adoption of ISO/IEC 19989-3:2020) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 20897-1:2020 [2024], Information security, cybersecurity and privacy protection - Physically unclonable functions - Part 1: Security requirements (identical national adoption of ISO/IEC 20897-1:2020) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 23837-1:2023 [2024], Information security - Security requirements, test and evaluation methods for quantum key distribution - Part 1: Requirements (identical national adoption of ISO/IEC 23837-1:2023) Final Action Date: 4/16/2024 | *National Adoption*

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

700 K Street NW, Suite 600, Washington, DC 20001 | [comments@standards.incits.org](mailto:comments@standards.incits.org), [www.incits.org](http://www.incits.org)

INCITS/ISO/IEC 27050-1:2019 [2024], Information technology - Electronic discovery - Part 1: Overview and concepts (identical national adoption of ISO/IEC 27050-1:2019 and revision of INCITS/ISO/IEC 27050-1:2016 [2019]) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 24392:2023 [2024], Cybersecurity - Security reference model for industrial internet platform (SRM- IIP) (identical national adoption of ISO/IEC 24392:2023) Final Action Date: 4/16/2024 | *National Adoption*

INCITS/ISO/IEC 27071:2023 [2024], Cybersecurity - Security recommendations for establishing trusted connections between devices and services (identical national adoption of ISO/IEC 27071:2023) Final Action Date: 4/16/2024 | *National Adoption*

INCITS 562-2024, Information technology - Fibre Channel - Framing and Signaling - 6 (FC-FS-6) (new standard) Final Action Date: 4/18/2024 | *New Standard*

**NFRC (National Fenestration Rating Council)**

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | [jpadgett@nfr.org](mailto:jpadgett@nfr.org), [www.nfr.org](http://www.nfr.org)

ANSI/NFRC 200-2023 E0A2, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2023 E0A1) Final Action Date: 4/16/2024 | *Revision*

ANSI/NFRC 500-2023 E0A2, Procedure for Determining Fenestration Product Condensation Index Ratings (revision of ANSI/NFRC 500-2023 E0A1) Final Action Date: 4/16/2024 | *Revision*

**NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105 | [mmilla@nsf.org](mailto:mmilla@nsf.org), [www.nsf.org](http://www.nsf.org)

ANSI/NSF 401-2024 (i33r2), Drinking Water Treatment Units - Emerging Compounds /Incidental Contaminants (revision of ANSI/NSF 401-2022) Final Action Date: 4/19/2024 | *Revision*

ANSI/NSF/3-A 14159-1-2024 (i9r1), Hygiene Requirements for the Design of Meat and Poultry Processing Equipment (revision of ANSI/NSF/3-A 14159-1-2019) Final Action Date: 4/15/2024 | *Revision*

ANSI/NSF/3-A 14159-2-2024 (i9r1), Hygiene Requirements for the Design of Hand Held Tools Used in Meat and Poultry Processing (revision of ANSI/NSF/3-A 14159-2-2019) Final Action Date: 4/15/2024 | *Revision*

ANSI/NSF/3-A 14159-3-2024 (i9r1), Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF/3-A 14159-3-2019) Final Action Date: 4/15/2024 | *Revision*

**ULSE (UL Standards & Engagement)**

100 Queen Street, Suite 1040, Ottawa, ON K1P 1J9 Canada | [celine.eid@ul.org](mailto:celine.eid@ul.org), <https://ulse.org/>

ANSI/UL 5A-2015 (R2024), Standard for Nonmetallic Surface Raceways and Fittings (reaffirmation of ANSI/UL 5A-2015 (R2020)) Final Action Date: 4/18/2024 | *Reaffirmation*

ANSI/UL 5C-2016 (R2024), Standard for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits (reaffirmation of ANSI/UL 5C-2016 (R2020)) Final Action Date: 4/18/2024 | *Reaffirmation*

ANSI/UL 209-2016 (R2024), Standard for Cellular Metal Floor Raceways and Fittings (reaffirmation of ANSI/UL 209-2016 (R2020)) Final Action Date: 4/18/2024 | *Reaffirmation*

ANSI/UL 884-2016 (R2024), Standard for Underfloor Raceways and Fittings (reaffirmation of ANSI/UL 884-2016 (R2020)) Final Action Date: 4/18/2024 | *Reaffirmation*

ANSI/UL 3030-2018 (R2024), Standard for Unmanned Aircraft Systems (reaffirmation of ANSI/UL 3030-2018) Final Action Date: 4/15/2024 | *Reaffirmation*

## **ULSE (UL Standards & Engagement)**

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | [Nicolette.A.Weeks@ul.org](mailto:Nicolette.A.Weeks@ul.org), <https://ulse.org/>

ANSI/UL 300-2024, Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (revision of ANSI/UL 300-2022) Final Action Date: 4/22/2024 | *Revision*

ANSI/UL 962-2024, Standard for Household and Commercial Furnishings (revision of ANSI/UL 962-2022) Final Action Date: 4/18/2024 | *Revision*

ANSI/UL 1479-2024, Standard for Fire Tests of Penetration Firestops (revision of ANSI/UL 1479-2023) Final Action Date: 4/18/2024 | *Revision*

ANSI/UL 2272-2024, Standard for Safety for Electrical Systems for Personal E-Mobility Devices (revision of ANSI/UL 2272-2019) Final Action Date: 4/19/2024 | *Revision*

ANSI/UL 6142-2024, Standard for Small Wind Turbine Systems (revision of ANSI/UL 6142-2020) Final Action Date: 4/19/2024 | *Revision*

# Call for Members (ANS Consensus Bodies)

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

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## 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](mailto: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](http://www.scte.org) or by e-mail from [standards@scte.org](mailto:standards@scte.org).

## **ANSI Accredited Standards Developer**

### **ULSE - UL Standards & Engagement**

#### **Technical Committee 1059, Terminal Blocks**

UL Standards & Engagement's goal is to have no interest category comprise more than one-third of the TC membership balance. To improve the current balance for Technical Committee 1059, UL Standards & Engagement is looking for participants in the following interest categories: AHJ, Commercial/Industrial User, Consumer, General Interest, Government, Supply Chain, and Testing and Standards.

If you are interested in applying for membership or are aware of potential candidates, please complete an application at <https://safetyscience.my.site.com/MyInfo/s/> or forward this link on to potential candidates.

#### **Technical Committee 1310, Power Supplies**

UL Standards & Engagement's goal is to have no interest category comprise more than one-third of the TC membership balance. To improve the current balance for Technical Committee 1310, UL Standards & Engagement is looking for participants in the following interest categories: AHJ, Commercial/Industrial User, Consumer, General Interest, Government, Producer, and Supply Chain.

If you are interested in applying for membership or are aware of potential candidates, please complete an application at <https://safetyscience.my.site.com/MyInfo/s/> or forward this link on to potential candidates.

### **AAMI (Association for the Advancement of Medical Instrumentation)**

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | [LBulookbashi@aami.org](mailto:LBulookbashi@aami.org), [www.aami.org](http://www.aami.org)

BSR/AAMI/IEC 80601-2-58-2024, Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (identical national adoption of IEC 80601-2-58:2024 and revision of ANSI/AAMI/IEC 80601-2-58-2014)

Interest Categories: AAMI Lens removal and vitrectomy devices Working Group (EV-WG13), is seeking additional members from regulatory, user and general interest categories to participate in the adoption of IEC 80501-2-58:2024. Please direct inquiries to: Ladan Bulookbashi <[lbulookbashi@aami.org](mailto:lbulookbashi@aami.org)>

### **AAMI (Association for the Advancement of Medical Instrumentation)**

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | [LBulookbashi@aami.org](mailto:LBulookbashi@aami.org), [www.aami.org](http://www.aami.org)

BSR/AAMI/IEC 80601-2-77-2020/A1, Amendment 1 - Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (identical national adoption of IEC 80601-2-77:2019/AMD1:2023)

Interest Categories: AAMI Robotics (RB) Committee is seeking additional members from regulatory, user and general interest categories to participate in the adoption of IEC IEC 80601-2-77:2019/AMD1:2023. Please direct inquiries to: Ladan Bulookbashi <[lbulookbashi@aami.org](mailto:lbulookbashi@aami.org)>

### **AAMI (Association for the Advancement of Medical Instrumentation)**

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | [LBulookbashi@aami.org](mailto:LBulookbashi@aami.org), [www.aami.org](http://www.aami.org)

BSR/AAMI/IEC 80601-2-78-2020/A1, Amendment 1 - Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (identical national adoption of IEC 80601-2-78:2019/AMD1:2024)

Interest Categories: AAMI Robotics (RB) Committee is seeking additional members from regulatory, user and general interest categories to participate in the adoption of IEC 80601-2-78:2019/AMD1:2024. Please direct inquiries to: Ladan Bulookbashi <[lbulookbashi@aami.org](mailto:lbulookbashi@aami.org)>

**ACMA (American Composites Manufacturers Association)**

2000 N. 15th Street, Suite 250, Arlington, VA 22201 | [Lphillips@acmanet.org](mailto:Lphillips@acmanet.org), [www.acmanet.org](http://www.acmanet.org)

BSR/ACMA/UCSC DC01-202x, Specification for Fiberglass Composite Crossarms for Distribution Utility Structures (new standard)

**ASA (ASC S12) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | [standards@acousticalsociety.org](mailto:standards@acousticalsociety.org), [www.acousticalsociety.org](http://www.acousticalsociety.org)

BSR S12.61-202x, Declaration and Verification of Noise Emission Values of Machinery, Equipment, and Products (revision of ANSI/ASA S12.61-2020)

**ASABE (American Society of Agricultural and Biological Engineers)**

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

BSR/ASABE S625.2 MONYEAR-202x, Drawbar Pin Dimensions and Requirements for Towing Machine with Clevis (revision and redesignation of ANSI/ASABE S625.1-JUL2018 (R2022))

**ASME (American Society of Mechanical Engineers)**

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | [ansibox@asme.org](mailto:ansibox@asme.org), [www.asme.org](http://www.asme.org)

BSR/ASME B16.40-202x, Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems (revision of ANSI/ASME B16.40-2019)

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

520 N. Northwest Highway, Park Ridge, IL 60068 | [TFisher@ASSP.org](mailto:TFisher@ASSP.org), [www.assp.org](http://www.assp.org)

BSR/ASSP A10.1-202X, Pre-Project & Pre-Task Safety and Health Planning (revision and redesignation of ANSI/ASSE A10.1-2011 (R2017))

**AWI (Architectural Woodwork Institute)**

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 | [cdermyre@awinet.org](mailto:cdermyre@awinet.org), [www.awinet.org](http://www.awinet.org)

BSR/AWI 0100-202x, AWI 0100 - Submittals (new standard)

**AWI (Architectural Woodwork Institute)**

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 | [cdermyre@awinet.org](mailto:cdermyre@awinet.org), [www.awinet.org](http://www.awinet.org)

BSR/AWI 0300-202x, AWI 0300 - Materials (new standard)

**AWI (Architectural Woodwork Institute)**

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 | [cdermyre@awinet.org](mailto:cdermyre@awinet.org), [www.awinet.org](http://www.awinet.org)

BSR/AWI 0500-202x, AWI 0500 - Historic Restoration (new standard)

**AWS (American Welding Society)**

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | [bboddiger@aws.org](mailto:bboddiger@aws.org), [www.aws.org](http://www.aws.org)

BSR/AWS B5.4-202x, Specification for the Qualification of Welder Test Facilities (new standard)

**CSA (CSA America Standards Inc.)**

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org), [www.csagroup.org](http://www.csagroup.org)

BSR/CSA NGV 5.1-202x, Residential fueling appliances (RFA) (revision of ANSI/CSA NGV 5.1-2022)

**CSA (CSA America Standards Inc.)**

8501 East Pleasant Valley Road, Cleveland, OH 44131-5575 | [ansi.contact@csagroup.org](mailto:ansi.contact@csagroup.org), [www.csagroup.org](http://www.csagroup.org)

BSR/CSA NGV 5.2-202x, Vehicle fueling appliances (VFA) (revision of ANSI/CSA NGV 5.2-2022)

**CTA (Consumer Technology Association)**

1919 South Eads Street, Arlington, VA 22202 | [cakers@cta.tech](mailto:cakers@cta.tech), [www.cta.tech](http://www.cta.tech)

BSR/CTA 2113-202x, Best Practices and Recommendations for Telehealth Solutions (new standard)

**EOS/ESD (ESD Association, Inc.)**

218 W. Court Street, Rome, NY 13440 | [jkirk@esda.org](mailto:jkirk@esda.org), <https://www.esda.org>

BSR/EOS ESD SP17.1-202X, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Process Assessment Techniques (revision of ANSI/ESD SP17.1-2020)

**EOS/ESD (ESD Association, Inc.)**

218 W. Court Street, Rome, NY 13440 | [jkirk@esda.org](mailto:jkirk@esda.org), <https://www.esda.org>

BSR/ESD SP27.1-2018 (R202x), ESD Association Standard Practice for the Recommended Information Flow Regarding Potential EOS Issues between Automotive OEM, Tier 1, and Semiconductor Manufacturers (reaffirmation of ANSI/ESD SP27.1-2018)

**FM (FM Approvals)**

One Technology Way, Norwood, MA 02062 | [josephine.mahnken@fmaprovals.com](mailto:josephine.mahnken@fmaprovals.com), [www.fmaprovals.com](http://www.fmaprovals.com)

BSR/FM 1330-202x, Fire Pump Monitoring and Automated Testing (new standard)

**HI (Hydraulic Institute)**

300 Interpace Parkway, Building A, 3rd Floor, #280, Parsippany, NJ 07054 | [achatterjee@pumps.org](mailto:achatterjee@pumps.org), [www.pumps.org](http://www.pumps.org)

BSR/HI 9.6.7-202x, Rotodynamic Pumps - Guideline for Effects of Liquid Viscosity on Performance (revision of ANSI/HI 9.6.7-2021)

**ISA (International Society of Automation)**

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | [ebrazda@isa.org](mailto:ebrazda@isa.org), [www.isa.org](http://www.isa.org)

BSR/ISA 62443-2-4-202x, Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers (identical national adoption of IEC 62443-2-4:2023, Ed. 2.0 and revision of ANSI/ISA 62443-2-4-2018)

**NECA (National Electrical Contractors Association)**

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | [Jeff.Noren@NECAnet.org](mailto:Jeff.Noren@NECAnet.org), [www.neca-neis.org](http://www.neca-neis.org)

BSR/NECA 700-202X, Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2016)

### **NECA (National Electrical Contractors Association)**

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | [Jeff.Noren@NECAnet.org](mailto:Jeff.Noren@NECAnet.org), [www.neca-neis.org](http://www.neca-neis.org)

BSR/NECA/NEMA 105-202X, Standard for Installing Metal Cable Tray Systems (revision of ANSI/NECA/NEMA 105-2015)

### **NEMA (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Arlington, VA 22209 | [casey.granata@nema.org](mailto:casey.granata@nema.org), [www.nema.org](http://www.nema.org)

BSR/NEMA 80056-202X, Microgrid Control Systems Performance Standard (new standard)

### **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [rbrooker@nsf.org](mailto:rbrooker@nsf.org), [www.nsf.org](http://www.nsf.org)

BSR/NSF 173-202x (i110r2), Dietary Supplements (revision of ANSI/NSF 173-2022)

### **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [rbrooker@nsf.org](mailto:rbrooker@nsf.org), [www.nsf.org](http://www.nsf.org)

BSR/NSF 455-3-202x (i40r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2022)

### **NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | [ajump@nsf.org](mailto:ajump@nsf.org), [www.nsf.org](http://www.nsf.org)

BSR/NSF/CAN 372-202x (i7r1), Drinking Water System Components - Lead Content (revision of ANSI/NSF/CAN 372-2022)

### **TIA (Telecommunications Industry Association)**

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | [tjenkins@tiaonline.org](mailto:tjenkins@tiaonline.org), [www.tiaonline.org](http://www.tiaonline.org)

BSR/TIA 568.7-202x, Balanced single twisted-pair cabling and components standard for industrial premises (new standard)

### **TIA (Telecommunications Industry Association)**

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | [tjenkins@tiaonline.org](mailto:tjenkins@tiaonline.org), [www.tiaonline.org](http://www.tiaonline.org)

BSR/TIA 623.31-202x, Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-31: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Angled polyphenylene sulphide rectangular ferrules (identical national adoption of IEC 61755-3-31)

# American National Standards (ANS) Process

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

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition):  
[www.ansi.org/essentialrequirements](http://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](http://www.ansi.org/standardsaction)
- Accreditation information – for potential developers of American National Standards (ANS):  
[www.ansi.org/sdoaccreditation](http://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](http://www.ansi.org/asd)
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS:  
[www.ansi.org/asd](http://www.ansi.org/asd)
- American National Standards Key Steps:  
[www.ansi.org/anskeysteps](http://www.ansi.org/anskeysteps)
- American National Standards Value:  
[www.ansi.org/ansvalue](http://www.ansi.org/ansvalue)
- ANS Web Forms for ANSI-Accredited Standards Developers:  
<https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR):  
<https://ibr.ansi.org/>
- ANSI - Education and Training:  
[www.standardstolearn.org](http://www.standardstolearn.org)

# Accreditation Announcements (Standards Developers)

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## Approval of Reaccreditation – ASD

### ADA (Organization) - American Dental Association

Effective April 11, 2024

The reaccreditation of **ADA - American Dental Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ADA-sponsored American National Standards, effective **April 11, 2024**. For additional information, please contact: Sharon Stanford, American Dental Association (ADA) | 211 East Chicago Avenue, Chicago, IL 60611-2678 | (312) 440-2509, [stanfords@ada.org](mailto:stanfords@ada.org)

## Approval of Reaccreditation – ASD

### AGSC - Auto Glass Safety Council

Effective April 16, 2024

The reaccreditation of **AGSC - Auto Glass Safety Council** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AGSC-sponsored American National Standards, effective **August 1, 2023**. For additional information, please contact: Kathy Bimber, Auto Glass Safety Council (AGSC) | PO Box 569, Garrisonville, VA 22463 | (540) 720-7484, [kbimber@glass.com](mailto:kbimber@glass.com)

## Approval of Reaccreditation – ASD

### AWS - American Welding Society

Effective April 16, 2024

The reaccreditation of **AWS - American Welding Society** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AWS-sponsored American National Standards, effective **April 16, 2024**. For additional information, please contact: Peter Portela, American Welding Society (AWS) | 8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | (800) 443-9353, [pportela@aws.org](mailto:pportela@aws.org)

## Approval of Reaccreditation – ASD

### BOMA - Building Owners and Managers Association

Effective April 16, 2024

The reaccreditation of **BOMA - Building Owners and Managers Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on BOMA-sponsored American National Standards, effective **April 16, 2024**. For additional information, please contact: Kia Lor, Building Owners and Managers Association (BOMA) | 1101 15th Street, NW, Suite 800, Washington, DC 20005 | (202) 326-6315, [klor@boma.org](mailto:klor@boma.org)

## Accreditation Announcements (Standards Developers)

### Approval of Reaccreditation – ASD

#### DirectTrust.org, Inc.

Effective April 9, 2024

The reaccreditation of **DirectTrust.org, Inc.** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on DirectTrust-sponsored American National Standards, effective **April 9, 2024**. For additional information, please contact: Stacy Clements, DirectTrust.org, Inc. | 1629 K Street NW, Suite 300, Washington, DC 20006 | (706) 781-5518, [standards@directtrust.org](mailto:standards@directtrust.org)

### Approval of Reaccreditation – ASD

#### EASA - Electrical Apparatus Service Association

Effective April 16, 2024

The reaccreditation of **EASA - Electrical Apparatus Service Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on EASA-sponsored American National Standards, effective **April 16, 2024**. For additional information, please contact: Linda Raynes, Electrical Apparatus Service Association (EASA) | 1331 Baur Road, St. Louis, MO 63132 | (314) 993-2220, [lraynes@easa.com](mailto:lraynes@easa.com)

### Approval of Reaccreditation – ASD

#### OIX - OIX Association

Effective April 16, 2024

The reaccreditation of the **OIX Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on OIX-sponsored American National Standards, effective **April 16, 2024**. For additional information, please contact: Shawna Bong, OIX Association | 2093 Philadelphia Pike, #1314, Claymont, DE 19703 | (619) 916-9417, [finance@open-ix.org](mailto:finance@open-ix.org)

### Approval of Reaccreditation – ASD

#### TCNA (ASC A108) - Tile Council of North America Accredited Standards Committee on Ceramic, Glass, Stone, and Other Hard Surfaces used in Flooring, Wall Coverings, Countertops, and Related Installation Materials

Effective April 10, 2024

The reaccreditation of **Tile Council of North America (TCNA)**-sponsored **Accredited Standards Committee on Ceramic, Glass, Stone, and Other Hard Surfaces used in Flooring, Wall Coverings, Countertops, and Related Installation Materials** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on TCNA (ASC A108)-sponsored American National Standards, effective **April 10, 2024**. For additional information, please contact: Katelyn Simpson, Tile Council of North America (TCNA (ASC A108)) | 100 Clemson Research Blvd., Anderson, SC 29625 | (864) 646-8453, [ksimpson@tcnatile.com](mailto:ksimpson@tcnatile.com)

# American National Standards Under Continuous Maintenance

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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)  
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](http://www.ansi.org/asd), select "American National Standards Maintained Under Continuous Maintenance." Questions? [psa@ansi.org](mailto: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](mailto:psa@ansi.org).

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# ISO & IEC Draft International Standards



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

## COMMENTS

Comments regarding ISO documents should be sent to ANSI's ISO Team ([isot@ansi.org](mailto: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](mailto: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](mailto: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

### Acoustics (TC 43)

ISO/DIS 17201-2, Acoustics - Noise from shooting ranges - Part 2: Calculation of muzzle blast - 7/11/2024, \$82.00

ISO/DIS 17201-4, Acoustics - Noise from shooting ranges - Part 4: Calculation of projectile sound - 7/11/2024, \$112.00

### Agricultural food products (TC 34)

ISO/DIS 18390, Cereals pulses and cereal products - Sampling - Simplified routine method - 7/6/2024, \$67.00

ISO/DIS 18419, Oilseeds - Application of near infrared spectrometry - 7/7/2024, \$93.00

### Aircraft and space vehicles (TC 20)

ISO/DIS 10785, Space systems - Bellows - Design and operation - 7/7/2024, \$71.00

### Banking and related financial services (TC 68)

ISO/DIS 9564-5, Financial services - Personal Identification Number (PIN) management and security - Part 5: Methods for the generation, change, and verification of PINs using 16-byte block ciphers - 7/5/2024, \$71.00

### Building construction machinery and equipment (TC 195)

ISO/DIS 18650-2, Building construction machinery and equipment - Concrete mixers - Part 2: Procedure for examination of mixing efficiency - 7/7/2024, \$77.00

### Essential oils (TC 54)

ISO/DIS 24255, Essential oil of clary sage essential oil (*Salvia sclarea* L.) prewilted French type and vert broyée French type - 7/6/2024, \$53.00

### Fluid power systems (TC 131)

ISO/DIS 18464, Hydraulic fluid power - Design methodology for energy efficient systems - 7/7/2024, \$53.00

### Furniture (TC 136)

ISO/DIS 4211-1, Furniture - Tests for surface finishes - Part 1: Assessment of resistance to cold liquids - 7/6/2024, \$53.00

### Graphical symbols (TC 145)

ISO 7001:2023/DAMd 105, - Amendment 1: Graphical symbols - Registered public information symbols - Amendment 105: PI TF045 Rideshare pickup area - 7/6/2024, \$33.00

ISO 7001:2023/DAMd 104, - Amendment 1: Graphical symbols - Registered public information symbols - Amendment 104: PI BP021 Keep windows open - 7/6/2024, \$33.00

ISO 7001:2023/DAMd 103, - Amendment 1: Graphical symbols - Registered public information symbols - Amendment 103: BI PF 084 Hand sanitizer - 7/4/2024, \$29.00

ISO 7001:2023/DAMd 102, - Amendment 1: Graphical symbols - Registered public information symbols - Amendment 102: PI BP 020 Do not share food or beverages - 7/4/2024, \$29.00

### Optics and optical instruments (TC 172)

ISO/DIS 10934, Microscopes - Vocabulary for light microscopy - 7/5/2024, \$134.00

### Other

ISO/DIS 7979, Leather - Tests for colour fastness - Colour fastness to hydroalcoholic mixtures - 7/8/2024, \$46.00

**Petroleum products and lubricants (TC 28)**

ISO/DIS 13227, Petroleum products and lubricants - Rheological properties of lubricating greases - Determination of flow point using an oscillatory rheometer with a parallel-plate measuring system - 7/6/2024, \$46.00

ISO/DIS 13511, Petroleum products and lubricants - Rheological properties of lubricating greases - Determination of the consistency of greases with metal soap thickener by an oscillatory rheometer with a cone/plate measuring system - 7/5/2024, \$62.00

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

ISO/DIS 16486-4, Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 4: Valves - 7/7/2024, \$77.00

**Quality management and quality assurance (TC 176)**

ISO/DIS 54002, Quality management systems - Guidelines for the application of ISO 9001 in police organizations - 7/6/2024, \$155.00

**Solid mineral fuels (TC 27)**

ISO/DIS 13909-8, Coal and coke - Mechanical sampling - Part 8: Methods of testing for bias - 7/5/2024, \$88.00

**Tractors and machinery for agriculture and forestry (TC 23)**

ISO 6489-5:2019/DAMd 1, - Amendment 1: Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 5: Specifications for non-swivel clevis couplings - Amendment 1 - 7/6/2024, \$29.00

**ISO/IEC JTC 1, Information Technology**

ISO/IEC 23008-1:2023/DAMd 1, - Amendment 1: Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Amendment 1: Signalling of adaptive FEC scheme - 7/6/2024, \$40.00

ISO/IEC DIS 16466, Information Technology - 3D Printing and scanning - Assessment methods of 3D scanned data for 3D printing model - 7/4/2024, \$82.00

ISO/IEC DIS 17760-302, Information technology - AT Attachment - Part 302: Zoned Device ATA Command Set-2-(ZAC-2) - 7/6/2024, \$175.00

**IEC Standards****Alarm systems (TC 79)**

79/708/FDIS, IEC 62676-6 ED1: Video surveillance systems for use in security applications - Part 6: Performance testing and grading of real-time intelligent video content analysis devices and systems for use in video surveillance applications, 05/31/2024

**Dependability (TC 56)**

56/2050/FDIS, IEC 60300-3-14 ED2: Dependability management - Part 3-14: Application guide - Supportability and support, 05/31/2024

**Electrical accessories (TC 23)**

23K/97/NP, PNW 23K-97 ED1: Energy Efficiency Systems - Smart Grid - Customer Energy Management Systems - Interface between the Energy Management Gateway and BEM / CEM - Data model and messaging, 06/14/2024

23B/1506/CD, IEC 60884-2-5 ED3: Plugs and socket-outlets for household and similar purposes - Part 2-5: Particular requirements for adaptors, 07/12/2024

**Electrical apparatus for explosive atmospheres (TC 31)**

31J/366/FDIS, IEC 60079-14 ED6: Explosive atmospheres - Part 14: Electrical installation design, selection and installation of equipment, including initial inspection, 05/31/2024

**Electrical Energy Storage (EES) Systems (TC 120)**

120/370/CD, IEC 62933-4-3 ED1: Electrical energy storage(EES) systems - Part 4-3: The protection requirements of BESS according to the environmental conditions and location types, 06/14/2024

**Electrical equipment in medical practice (TC 62)**

62D/2132/CD, IEC TR 63577 ED1: Design principles and validation methods for the maintenance of microbial control for non-disposable fluid paths of dialysis equipment, 07/12/2024

**Electrical installations of buildings (TC 64)**

64/2671/CD, IEC 60364-7-751 ED1: Low-voltage electrical installations - Part 7-751: Requirements for special installations or locations - Low voltage generating sets, 07/12/2024

64/2670/CD, IEC TR 61200-201 ED1: Application guides complying with IEC 60364 - Asynchronous motor starting and protection, 08/09/2024

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

104/1046/CDV, IEC 60068-2-1 ED7: Environmental testing - Part 2-1: Tests - Test A: Cold, 07/12/2024

104/1047/CDV, IEC 60068-2-2 ED6: Environmental testing - Part 2-2: Tests - Test B: Dry heat, 07/12/2024

104/1048/CDV, IEC 60068-2-30 ED4: Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle), 07/12/2024

104/1049/CDV, IEC 60068-2-78 ED3: Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state, 07/12/2024

### **Environmental standardization for electrical and electronic products and systems (TC 111)**

111/759/DTS, IEC TS 63428 ED1: Guidance on material circularity considerations in environmentally conscious design, 06/14/2024

111/750/CDV, IEC 63395 ED1: Sustainable management of waste electrical and electronic equipment (e-waste) - Proposed Horizontal Publication, 07/12/2024

### **Fibre optics (TC 86)**

86B/4885/CDV, IEC 61300-3-3 ED4: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss, 06/14/2024

86A/2459/CD, IEC 60794-1-127 ED1: Optical fibre cables - Part 1-127: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Indoor simulated installation test, Method E27, 07/12/2024

### **High-voltage testing techniques (TC 42)**

42/437/FDIS, IEC 60270 ED4: High-voltage test techniques - Charge-based measurement of partial discharges, 05/31/2024

### **Industrial-process measurement and control (TC 65)**

65/1046/FDIS, ISO 20140-5 ED2: Automation systems and integration - Evaluating energy efficiency and other factors of manufacturing systems that influence the environment - Part 5: Environmental performance evaluation data, 05/31/2024

### **Lamps and related equipment (TC 34)**

34C/1596(F)/FDIS, IEC 61347-1 ED4: Controlgear for electric light sources - Safety - Part 1: General requirements, 05/03/2024

34C/1598(F)/FDIS, IEC 61347-2-11 ED2: Controlgear for electric light sources - Safety - Part 2-11: Particular requirements - Miscellaneous electronic circuits used with luminaires, 05/03/2024

34C/1599(F)/FDIS, IEC 61347-2-13 ED3: Controlgear for electric light sources - Safety - Part 2-13: Particular requirements - Electronic controlgear for LED light sources, 05/03/2024

34A/2394/CDV, IEC 63554 ED1: LED lamps - Safety requirements, 07/12/2024

34A/2395/CDV, IEC 63555 ED1: LED Light sources - Performance requirements, 07/12/2024

### **Magnetic components and ferrite materials (TC 51)**

51/1500/FDIS, IEC 62024-1 ED4: High frequency inductive components - Electrical characteristics and measuring methods - Part 1: Nanohenry range chip inductor, 05/31/2024

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

113/824/DTS, IEC TS 62607-6-30 ED1: Nanomanufacturing - Key control characteristics - Part 6-30: Graphene-based material - Anion concentration: Ion chromatography method, 06/14/2024

### **Nuclear instrumentation (TC 45)**

45A/1528/FDIS, IEC 63272 ED1: Nuclear facilities - Electrical power systems - AC interruptible power supply systems, 05/31/2024

45A/1529/FDIS, IEC 63298 ED1: Nuclear power plants - Electrical power systems - Coordination and interaction with electric grid, 05/31/2024

45A/1530/FDIS, IEC 63351 ED1: Nuclear facilities - Human factors engineering - Application to the design of human-machine interfaces, 05/31/2024

45B/1061/NP, PNW 45B-1061 ED1: Replay Tools for radioactive material detection systems, 07/12/2024

### **Performance of household electrical appliances (TC 59)**

59L/262/CD, IEC 60704-2-21 ED1: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-21: Particular requirements for coffee preparation appliances, 07/12/2024

59A/263/CDV, IEC 60704-2-3 ED4: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers, 07/12/2024

### **Power electronics (TC 22)**

22E/268/CD, IEC 63497 ED1: Parallel Connected Active Correction Devices (ACD), 06/14/2024

### **Power system control and associated communications (TC 57)**

57/2670/FDIS, IEC 61968-9 ED3: Enterprise business function interfaces for utility operations - Part 9: Interfaces for meter reading and control, 05/31/2024

57/2668/NP, PNW 57-2668 ED1: Power systems management and associated information exchange - Communication networks and systems for power utility automation - Part 6-2: Configuration description languages for human-machine interfaces, 06/14/2024

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

116/755(F)/FDIS, IEC 62841-2-20 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-20: Particular requirements for hand-held band saws, 05/17/2024

116/766/NP, PNW 116-766 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders, 07/12/2024

#### **Safety of household and similar electrical appliances (TC 61)**

61B/701/FDIS, IEC 60335-2-25 ED8: Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens, 05/31/2024

61B/702/FDIS, IEC 60335-2-90 ED5: Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens, 05/31/2024

#### **Secondary cells and batteries (TC 21)**

21A/880(F)/FDIS, IEC 61960-4 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 4: Coin secondary lithium cells, and batteries made from them, 05/10/2024

21A/885/FDIS, IEC 63338 ED1: General guidance on reuse and repurposing of secondary cells and batteries, 05/31/2024

#### **Semiconductor devices (TC 47)**

47E/830/CD, IEC 60747-14-12 ED1: Semiconductor devices - Part 14-12: Semiconductor sensors - Performance test methods for CMOS imager-based gas sensors, 07/12/2024

#### **Standard voltages, current ratings and frequencies (TC 8)**

8A/157/CD, IEC TR 63534 ED1: Integrating distributed PV into LVDC systems and use cases, 06/14/2024

8B/212/DTS, IEC TS 63276 ED1: Guidelines for the hosting capacity evaluation of distribution networks for distributed energy resources, 06/14/2024

#### **Surface mounting technology (TC 91)**

91/1957/DTR, IEC TR 60068-3-82 ED1: Supporting documentation and guidance - Confirmation of the performance of whisker test method, 06/14/2024

#### **Switchgear and controlgear (TC 17)**

17C/933(F)/FDIS, IEC 62271-200/AMD1 ED3: Amendment 1 - High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, 05/10/2024

#### **(TC )**

CIS/F/851(F)/FDIS, CISPR 15/AMD1 ED9: Amendment 1 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, 05/10/2024

#### **ISO/IEC JTC 1, Information Technology**

#### **(TC )**

JTC1-SC41/428/CD, ISO/IEC TR 30195 ED1: Internet of Things (IoT) - IoT Applications for Long-distance Oil and Gas Pipeline, 06/14/2024



# 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](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

## ISO Standards

### Acoustics (TC 43)

[ISO 13473-4:2024](#), Characterization of pavement texture by use of surface profiles - Part 4: One third octave band spectral analysis of surface profiles, \$194.00

### Additive manufacturing (TC 261)

[ISO/ASTM 52943-2:2024](#), Additive manufacturing for aerospace - Process characteristics and performance - Part 2: Directed energy deposition using wire and arc, \$124.00

### Agricultural food products (TC 34)

[ISO 30024:2024](#), Animal feeding stuffs - Determination of phytase activity, \$166.00

### Banking and related financial services (TC 68)

[ISO 5201:2024](#), Financial services - Code-scanning payment security, \$194.00

### Dentistry (TC 106)

[ISO 23402-3:2024](#), Dentistry - Portable dental equipment for use in non-permanent healthcare environment - Part 3: Portable suction equipment, \$124.00

### Ergonomics (TC 159)

[ISO 9241-820:2024](#), Ergonomics of human-system interaction - Part 820: Ergonomic guidance on interactions in immersive environments, including augmented reality and virtual reality, \$223.00

### Fine Bubble Technology (TC 281)

[ISO 7429-1:2024](#), Fine bubble technology - Industrial and consumer device applications - Part 1: Assessment of water pressure driven nozzles by evaluating size and concentration indices of generated fine bubbles, \$166.00

### Implants for surgery (TC 150)

[ISO 23500-3:2024](#), Preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies, \$124.00

[ISO 23500-4:2024](#), Preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies, \$166.00

[ISO 23500-5:2024](#), Preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies, \$81.00

### Nuclear energy (TC 85)

[ISO 16795:2024](#), Nuclear energy - Determination of Gd203 content in pellets containing uranium oxide by X-ray fluorescence spectrometry, \$81.00

### Personal safety - Protective clothing and equipment (TC 94)

[ISO 24231:2024](#), Protective clothing - Protection against rain - Test method for ready-made garments against high-energy droplets from above, \$81.00

### Robots and robotic devices (TC 299)

[ISO 5363:2024](#), Robotics - Test methods for exoskeleton-type walking RACA robot, \$124.00

### Rubber and rubber products (TC 45)

[ISO 4641:2024](#), Rubber hoses and hose assemblies for water suction and discharge - Specification, \$81.00

[ISO 5600:2024](#), Rubber - Determination of adhesion to rigid materials using conical shaped parts, \$81.00

[ISO 6224:2024](#), Thermoplastics hoses, textile-reinforced, for general-purpose water applications - Specification, \$81.00

### (TC 329)

[ISO 5665:2024](#), Consumer incident investigation - Requirements and guidance, \$194.00

### Tobacco and tobacco products (TC 126)

[ISO 8454:2024](#), Cigarettes - Determination of carbon monoxide in the vapour phase of cigarette smoke - NDIR method, \$81.00

### Traditional Chinese medicine (TC 249)

[ISO 6904:2024](#), Traditional Chinese Medicine - General requirements for the ultrafine powder of herbs, \$54.00

## ISO Technical Reports

### Transport information and control systems (TC 204)

[ISO/TR 17783:2024](#), Intelligent transport systems - Mobility integration - Role and functional model for mobility services using low Earth orbit (LEO) satellite systems, \$124.00

## ISO Technical Specifications

### Agricultural food products (TC 34)

[ISO/TS 5354-2:2024](#), Molecular biomarkers - Detection of DNA in cotton used for textile production - Part 2: Overview of target sequences for use in polymerase chain reaction (PCR)-based detection methods for cotton genetically modified (GM) events, \$124.00

## IEC Standards

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

[IEC 62057-3 Ed. 1.0 b:2024](#), Electrical energy meters - Test equipment, techniques and procedures - Part 3: Automatic meter testing system (AMTS), \$103.00

## IEC Technical Specifications

### Electrical equipment in medical practice (TC 62)

[IEC/TS 60601-4-6 Ed. 1.0 en:2024](#), Medical electrical equipment - Part 4-6: Guidance and interpretation - Voluntary guidance to help achieve basic safety and essential performance with regard to the possible effects of electromagnetic disturbances, \$515.00

# Accreditation Announcements (U.S. TAGs to ISO)

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## Public Review of Application for Accreditation of a U.S. TAG to ISO

### TC 173/SC 3, Aids for ostomy and incontinence

**Comment Deadline: May 27, 2024**

The Rehabilitation Engineering and Assistive Technology Society of North America has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 173/SC 3, Aids for ostomy and incontinence, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. To obtain a copy of the TAG application or to offer comments, please contact: Doug Weinbaum, RESNA - Rehabilitation Engineering and Assistive Technology Society of North America: 2001 K Street, NW 3rd Floor North, Washington, DC 20006, P: (202) 367-2307 E: [dweinbaum@resna.org](mailto:dweinbaum@resna.org). Please submit any comments to RESNA - Rehabilitation Engineering and Assistive Technology Society of North America by May 27, 2024 (please copy [jthomps@ANSI.org](mailto:jthomps@ANSI.org))

# International Organization for Standardization (ISO)

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## Call for U.S. TAG Administrator

### ISO/TC 100 – Chains and chain sprockets for power transmission and conveyors

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 100 – *Chains and chain sprockets for power transmission and conveyors* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by the China (SAC).

ISO/TC 100 operates under the following scope:

*Standardization in the field of power transmission chains, conveyor chains and chain wheels.*

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

## Call for U.S. TAG Administrator

### ISO/TC 107 – Metallic and other inorganic coatings and Subcommittees

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 107 – *Metallic and other inorganic coatings*, or any of the active Subcommittees, and therefore ANSI is not a member of these committees. The Secretariats for the committees are held by:

ISO/TC 107 – *Metallic and other inorganic coatings*: Republic of Korea (KATS)

ISO/TC 107/SC 3 – *Electrodeposited coatings and related finishes*: Republic of Korea (KATS)

ISO/TC 107/SC 4 – *Hot dip coatings (galvanized, etc.)*: United Kingdom (BSI)

ISO/TC 107/SC 7 – *Corrosion tests*: Japan (JISC)

ISO/TC 107/SC 8 – *Chemical conversion coatings*: Republic of Korea (KATS)

ISO/TC 107/SC 9 – *Physical vapor deposition coatings*: China (SAC)

ISO/TC 107 operates under the following scope:

- *Standardization of the characteristics of protective and decorative metallic coating applied by electrolysis, fusion, vacuum or chemical means, mechanical deposition, ion plating.*
- *Standardization of the characteristics of protective and decorative non-metallic coatings (excluding paints and other organic coatings) on metal surface applied by electrolysis, fusion, vacuum or chemical means.*
- *Standardization of testing and inspection methods for such coatings.*
- *Standardization of the preparation of the substrates prior to the deposition of metallic and inorganic coatings.*

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

## **International Organization for Standardization (ISO)**

### **Call for U.S. TAG Administrator**

#### **ISO/TC 170 – Surgical instruments**

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 170 – *Surgical instruments* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by the Germany (DIN).

ISO/TC 170 operates under the following scope:

*Standardization in the field of surgical instruments such as forceps, scissors, scalpels and retractors.*

*Excluded: specific instruments which are dealt with in ISO/TC 106 - Dentistry, and ISO/TC 150 - Implants for surgery.*

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

### **Call for U.S. TAG Administrator**

#### **ISO/TC 52 – Light gauge metal containers**

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 52 – *Light gauge metal containers* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by the China (SAC).

ISO/TC 52 operates under the following scope:

*Standardization in the field of light gauge metal containers with a nominal material thickness up to or equal to 0.49 mm.*

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

# International Organization for Standardization (ISO)

## USNC TAG Administrator – Organization Needed

### USNC TAG to IEC/SC 61D Appliances for air-conditioning for household and similar purposes

Response Deadline: May 3, 2024

Air-Conditioning, Heating, and Refrigeration Institute (AHRI) is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/SC 61D *Appliances for air-conditioning for household and similar purposes*. The USNC is looking for a new organization to take on this USNC TAG Administratorship.

Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee.

**If any organizations are interested in the position of USNC TAG Administrator for the USNC TAG to IEC/SC 61D, they are invited to contact Betty Barro at [bbarro@ansi.org](mailto:bbarro@ansi.org) by 3 May 2024.**

Please see the scope for SC 61D below:

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#### Scope

*To prepare international safety standards dealing with electrical equipment used in residential, commercial or light industrial applications primarily for the purpose of conditioning air and which contain a refrigeration or heating cycle using a motor compressor or based on the absorption principle.*

# Registration of Organization Names in the United States

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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

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## 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](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](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](https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp).

Report Trade Barriers: [https://tcc.export.gov/Report\\_a\\_Barrier/index.asp](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](mailto:usatbtep@nist.gov) or [notifyus@nist.gov](mailto:notifyus@nist.gov).



**BSR/ASHRAE Addendum a  
to ANSI/ASHRAE Standard 90.4-2022**

**Public Review Draft**

**Proposed Addendum a to  
Standard 90.4-2022, *Energy Standard  
for Data Centers***

**First Public Review (April, 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](http://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](http://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](http://www.ashrae.org).

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

BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 90.4-2022, *Energy Standard for Data Centers* First Public Review Draft.

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

## **Foreword**

*Addendum a* aims to provide alignment between Standard 90.4 and ASHRAE's plans to strengthen the decarbonization components of ASHRAE standards. Standard 90.4 currently regulates data center energy consumption, but cannot regulate data center greenhouse gas emissions, environmental impact, water consumption, and other resources or considerations beyond energy under its current purpose. *Addendum a* expands the purpose to include resources and considerations beyond energy that contribute to data center sustainability and decarbonization.

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

## Addendum a to 90.4-2022

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*Modify the Purpose and Scope as follows:*

### 1. PURPOSE

The purpose of this standard is to establish the minimum *energy efficiency* and resource requirements of *data centers* for design, construction, and planned operation and maintenance of data centers, in service of decarbonization and reduction of greenhouse gas emissions.

Resources include but are not limited to:

- ~~a. design, construction, and a plan for operation and maintenance; and~~
- ~~b. use of on-site or off-site renewable energy resources.~~

- a. non-renewable energy
- b. renewable energy
- c. water

### 2. SCOPE

2.1 This standard applies to

- a. new *data centers*, or portions thereof, and their *systems*;
- b. new *additions* to *data centers*, or portions thereof, and their *systems*; and
- c. modifications to *systems* and *equipment* in existing *data centers* or portions thereof.

2.2 The provisions of this standard do not apply to

- a. *telephone exchanges*,
- b. *essential facilities*, and
- c. *information technology equipment (ITE)*.

2.3 Where specifically noted in this standard, certain other buildings or elements of buildings shall be exempt.

2.4 This standard shall not be used to circumvent any safety, health, or environmental requirements.



**BSR/ASHRAE Addendum p  
to ANSI/ASHRAE Standard 15-2022**

**First Public Review Draft**

# **Proposed Addendum p to Standard 15-2022, Safety Standard for Refrigeration Systems**

**First Public Review (April 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 <https://www.ashrae.org/technical-resources/standards-and-guidelines/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](http://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](http://www.ashrae.org).

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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

*This proposed addendum updates both the normative and informative references in Standard 15.*

**Note:** This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strike through~~ (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 p to Standard 15-2022

***Modify Section 13 as follows. The remainder of Section 13 remains unchanged.***

## 13. NORMATIVE REFERENCES

This section contains a complete list of normative references. A complete list of references that are solely informative is included in Informative Appendix B. References in this standard are numbered in the order in which they appear in the document, so the numbers for the informative references are shown for the convenience of the user.

1. See *Informative Appendix B*, “Informative References.”
2. ASHRAE. ~~2024~~2022. ANSI/ASHRAE Standard 15.2, *Safety Standard for Refrigeration Systems in Residential Applications*. Peachtree Corners, GA: ASHRAE.
3. ASHRAE. ~~2024~~2019. ANSI/ASHRAE Standard 34, *Designation and Safety Classification of Refrigerants*. Peachtree Corners, GA: ASHRAE.
4. NFPA. ~~2023~~2020. NFPA 80, *National Electric Code*<sup>®</sup>. Quincy, MA: National Fire Protection Association.
5. UL. ~~2022~~2019. ANSI/UL 60335-2-40, Edition 4, ~~Standard for Household and Similar Electrical Appliances—Safety—Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers~~. Northbrook, IL: UL, LLC.
6. CSA. ~~2022~~2019. CAN/CSA C22.2 No. 60335-2-40, Edition 4, ~~Household and Similar Electrical Appliances—Safety—Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers~~. Toronto, Canada: CSA Group.

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9. ASME. ~~2023~~2015. ANSI/ASME A13.1, *Scheme for the Identification of Piping Systems*. New York, NY: American Society of Mechanical Engineers.
10. AHRI. ~~2019~~2016. AHRI 700-~~2019~~2016, *Specifications for Refrigerants*, and AHRI Standard 700C-2014, Appendix C to AHRI Standard 700—*Analytical Procedures for AHRI Standard 700-2014*. Arlington, VA: Air-Conditioning, Heating and Refrigeration Institute.

[ ... ]

15. ASME. ~~2023~~2019. *Boiler and Pressure Vessel Code*. New York, NY: American Society of Mechanical Engineers.
16. See *Informative Appendix B*, “Informative References.”
17. ASME. ~~2022~~2016. ANSI/ASME B31.5, *Refrigeration Piping and Heat Transfer Components*. New York, NY: American Society of Mechanical Engineers.
18. ASTM. ~~2022~~2018. ASTM A53/A53M, *Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless*. West Conshohocken, PA: American Society for Testing and Materials.
19. UL. ~~2022~~2014. UL 207, *Standard for Refrigerant-Containing Components and Accessories, Nonelectrical—Ninth~~Eighth~~ Edition*. Northbrook, IL: UL, LLC.

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22. ASTM. 2019. ASTM B210/B210M (Rev A), *Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes*. West Conshohocken, PA: American Society for Testing and Materials.
23. ASTM. ~~2023~~2015. ASTM B491/B491M, *Standard Specification for Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications*. West Conshohocken, PA: American Society for Testing and Materials.
24. ASTM. ~~2020~~2015. ASTM B43, *Standard Specification for Seamless Red Brass Pipe, Standard Sizes*. West Conshohocken, PA: American Society for Testing and Materials.
25. ASTM. ~~2020~~2015. ASTM B42 (Rev A), *Standard Specification for Seamless Copper Pipe, Standard Sizes*. West Conshohocken, PA: American Society for Testing and Materials.

[ ... ]

28. ASTM. ~~2020~~2013. ANSI/ASTM B75/B75M, *Standard Specification for Seamless Copper Tube*. West Conshohocken, PA: American Society for Testing and Materials.
29. ASTM. ~~2022~~2016. ANSI/ASTM B88, *Standard Specification for Seamless Copper Water Tube*. West Conshohocken, PA: American Society for Testing and Materials.
30. ASTM. ~~2023~~2018. ANSI/ASTM B280, *Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service*. West Conshohocken, PA: American Society for Testing and Materials.
31. ASTM. ~~2019~~2018. ASTM B819, *Standard Specification for Seamless Copper Tube for Medical Gas Systems*. West Conshohocken, PA: American Society for Testing and Materials.
32. ASTM. ~~2023~~2016. ASTM B1003, *Standard Specification for Seamless Copper Tube for Linesets*. West Conshohocken, PA: American Society for Testing and Materials.
33. ASTM. ~~2022~~2018. ASTM A312/A312M (Rev A), *Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes*. West Conshohocken, PA: American Society for Testing and Materials.
34. ASTM. ~~2022~~2015. ASTM A269/A269M (Rev A), *Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service*. West Conshohocken, PA: American Society for Testing and Materials.
35. ASTM. ~~2019~~2014. ASTM A632 (Rev A), *Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service*. West Conshohocken, PA: American Society for Testing and Materials.
36. ASTM. 2019. ASTM A106/A106M (Rev A), *Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service*. West Conshohocken, PA: American Society for Testing and Materials.

[ ... ]

38. ASTM. ~~2019~~2012. ASTM A254/A254M, *Standard Specification for Copper Brazed Steel Tubing*. West Conshohocken, PA: American Society for Testing and Materials.
39. ASTM. ~~2021~~2016. ASTM A334/A334M (Rev A), *Standard Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service*. West Conshohocken, PA: American Society for Testing and Materials.

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43. ASME. ~~2021~~2016. ANSI/ASME B16.24, *Cast Copper Alloy Pipe Flanges, Flanged Fittings, and Valves: Classes 150, 300, 600, 900, 1500 and 2500*. New York, NY: American Society of Mechanical Engineers.
44. ASME. ~~2021~~2018. ANSI/ASME B16.18, *Cast Copper Alloy Solder Joint Pressure Fittings*. New York, NY: American Society of Mechanical Engineers.
45. ASME. ~~2021~~2018. ANSI/ASME B16.22, *Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings*. New York, NY: American Society of Mechanical Engineers.

[ ... ]

47. ASME. ~~2021~~2013. ANSI/ASME B16.50, *Wrought Copper and Copper Alloy Brazed-Joint Pressure Fittings*. New York, NY: American Society of Mechanical Engineers.

BSR/ASHRAE Addendum p to ANSI/ASHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems*  
First Public Review Draft

48. ASTM. ~~2022~~2019. ASTM A403/A403M (Rev B), *Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings*. West Conshohocken, PA: American Society for Testing and Materials.
49. ASME. ~~2021~~2016. ANSI/ASME B16.11, *Forged Fittings, Socket-Welding and Threaded*. New York, NY: American Society of Mechanical Engineers.
50. ASTM. ~~2023~~2018. ASTM A105/A105M, *Standard Specification for Carbon Steel Forgings for Piping Applications*. West Conshohocken, PA: American Society for Testing and Materials.
51. ASTM. ~~2023~~2014. ASTM A181/A181M, *Standard Specification for Carbon Steel Forgings, for General-Purpose Piping*. West Conshohocken, PA: American Society for Testing and Materials.
52. ASTM. ~~2023~~2017. ASTM A193/A193M, *Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications*. West Conshohocken, PA: American Society for Testing and Materials.
53. ASTM. ~~2023~~2018. ASTM A234/A234M (Rev A), *Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service*. West Conshohocken, PA: American Society for Testing and Materials.
54. ASTM. ~~2022~~2016. ASTM A420/A420M (Rev A), *Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service*. West Conshohocken, PA: American Society for Testing and Materials.
55. ASTM. 2019. ASTM A707/A707M (Rev A), *Standard Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service*. West Conshohocken, PA: American Society for Testing and Materials.
56. AWS. ~~2019~~2012. A5.8M/A5.8, *Specification for Filler Metals for Brazing and Braze Welding—11<sup>th</sup> Edition, Amendment 1*. Doral, FL: American Welding Society.

[ ... ]

58. ASTM. ~~2020~~2014R. ASTM B32, *Standard Specification for Solder Metals*. West Conshohocken, PA: American Society for Testing and Materials.

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60. ASME. 1976. ANSI/ASME B1.20.3 (R2023R2018), *Dryseal Pipe Threads, Inch*. New York, NY: American Society of Mechanical Engineers.
61. ASME. 2005. ANSI/ASME B1.13M (R2020R2015), *Metric Screw Threads: M Profile*. New York, NY: American Society of Mechanical Engineers.
62. ASME. ~~2019~~2005. ANSI/ASME B1.1 (R2018), *Unified Inch Screw Threads, (UN and UNR Thread Form)*. New York, NY: American Society of Mechanical Engineers.

[ ... ]

***Modify Informative Appendix A as follows. The remainder of Informative Appendix A remains unchanged.***

## INFORMATIVE APPENDIX B—INFORMATIVE REFERENCES

This appendix contains a full list of informative references. A full list of normative references is included in Section 13, “Normative References.” References in this standard are numbered in the order in which they appear in the document, so the numbers for the normative references are shown for the convenience of the user.

1. IIAR. ~~2021~~2019. ANSI/IIAR 2-~~2021~~2014 with addendum A, *American National Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems*. Alexandria, VA: International Institute of Ammonia Refrigeration.

[ ... ]

16. ASHRAE. ~~2021~~2017. *ASHRAE Handbook—Fundamentals*. Peachtree Corners, GA: ASHRAE.

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- ~~67. IUPAC. 2013. Atomic Weights of the Elements 2013 (IUPAC Technical Report). International Union of Pure~~

BSR/ASHRAE Addendum p to ANSI/ASHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems*  
First Public Review Draft

~~and Applied Chemistry, Research Triangle Park, NC.~~

**ASME B16.40-2019**  
(Revision of ASME B16.40-2013)

# Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems

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AN AMERICAN NATIONAL STANDARD



**The American Society of  
Mechanical Engineers**

Two Park Avenue • New York, NY • 10016 USA

## MANDATORY APPENDIX II REFERENCES

(19)

The following is a list of publications referenced in this standard.

ANSI/ISA S75.02-1996, Control Valve Capacity Test Procedure<sup>1</sup>

Publisher: International Society of Automation (ISA), 67 T. W. Alexander Drive, P.O. Box 12277, Research Triangle Park, NC 27709 ([www.isa.org](http://www.isa.org))

ASTM D1598-15a, Standard Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure

ASTM D2444-18, Standard Practice for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

ASTM D2513-16a, Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings

ASTM D2683-14, Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing

ASTM D2837-13e1, Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products

ASTM D3261-16, Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing

ASTM E29-13, Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications

ASTM F1733-13, Standard Specification for Butt Heat Fusion Polyamide (PA) Plastic Fitting for Polyamide (PA) Plastic Pipe and Tubing

ASTM F2945-15, Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings

Publisher: American Society for Testing and Materials (ASTM International), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959 ([www.astm.org](http://www.astm.org))

U.S. Department of Transportation. "Transportation of Natural and Other Gas by Pipeline: Minimum Federal Standards," *Code of Federal Regulations*, Title 49 (2017)

Publisher: U.S. Government Publishing Office (GPO), 732 N. Capitol Street NW, Washington, DC 20401 ([www.govinfo.gov](http://www.govinfo.gov))

ISO 9000:2015, Quality management systems — Fundamentals and vocabulary<sup>1</sup>

ISO 9001:2015, Quality management systems — Requirements<sup>1</sup>

ISO 9004:2018, Quality management — Quality of an organization — Guidance to achieve sustained success<sup>1</sup>

Publisher: International Organization for Standardization (ISO), Central Secretariat, Chemin de Blandonnet 8, Case Postale 401, 1214 Vernier, Geneva, Switzerland ([www.iso.org](http://www.iso.org))

PPI TR-4-2017, HDB/HDS/SDB/PDB/MRS Listed Materials

Publisher: Plastics Pipe Institute (PPI), 105 Decker Court, Suite 825, Irving, TX 75062 ([www.plasticpipe.org](http://www.plasticpipe.org))

<sup>1</sup> May also be obtained from American National Standards Institute, 25 West 43rd Street, New York, NY 10036.

[ASME B16.40-20xx](#)

Reviewed May 31, 2023

## MANDATORY APPENDIX II

### REFERENCES

049b

~~The following is a list of publications referenced in this Standard.~~

The following is a list of standards and specifications referenced in this Standard. Products covered by each ASTM specification are listed for convenience. (See specifications for exact titles and detailed contents.) Materials manufactured to other editions of the referenced ASTM specifications may be used to manufacture valves meeting the requirements of this Standard as long as the valve manufacturer verifies that the material meets the requirements of the referenced edition of the ASTM specification. Unless otherwise specified, the latest edition of ASME publications shall apply.

ANSI/ISA S75.02-~~1996.01-2008~~, (~~IEC 60534-2-3 Mod~~)-Control Valve Capacity Test Procedure<sup>1</sup>

Publisher: International Society of Automation (ISA), 67 T. W. Alexander Drive, P.O. Box 12277, Research Triangle Park, NC 27709 ([www.isa.org](http://www.isa.org))

ASTM D1598-~~15a21~~, Standard Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure

ASTM D2444-~~1821~~, Standard Practice for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

ASTM D2513-~~16a20~~, Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings

ASTM D2683-~~1420~~, Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing

ASTM D2837-~~13e122~~, Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products

ASTM D3261-16, Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing

ASTM E29-~~1322~~, Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications

ASTM F1733-~~1320~~, Standard Specification for Butt Heat Fusion Polyamide (PA) Plastic Fitting for Polyamide (PA) Plastic Pipe and Tubing

ASTM F2945-~~1518~~, Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings

Publisher: American Society for Testing and Materials (ASTM International), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959 ([www.astm.org](http://www.astm.org))

U.S. Department of Transportation. "Transportation of Natural and Other Gas by Pipeline: Minimum Federal Standards," *Code of Federal Regulations*, Title 49 [Part 192](#) (~~2017~~) Publisher: U.S. Government Publishing Office (GPO), 732

N. Capitol Street NW, Washington, DC 20401 ([www.govinfo.gov](http://www.govinfo.gov))

ISO 9000:2015, Quality management systems — Fundamentals and vocabulary<sup>1</sup>

ISO 9001:2015, Quality management systems — Requirements<sup>1</sup>

ISO 9004:2018, Quality management — Quality of an organization — Guidance to achieve sustained success<sup>1</sup>

Publisher: International Organization for Standardization (ISO), Central Secretariat, Chemin de Blandonnet 8, Case Postale 401, 1214 Vernier, Geneva, Switzerland ([www.iso.org](http://www.iso.org))

PPI TR-4-~~2017~~[2018](#), HDB/HDS/SDB/PDB/MRS/[CRS](#) Listed Materials

Publisher: Plastics Pipe Institute (PPI), 105 Decker Court, Suite 825, Irving, TX 7506

Third Public Review (April 2024) (Draft shows only Substantive Changes to 1<sup>st</sup> Public Comment Draft Standard made by ICSD).

Note: 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. Summary statements are in *red italics* and only used to add clarity; these statements will NOT be in the finished publication. Only these changes to the current draft 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.

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## IACET 1-2023

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# IACET 1-2023 Standard for Continuing Education and Training

## International Accreditors for Continuing Education and Training

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Significance and use
- 5 Requirements for provider

5.6.1 *(Section 5.3.3.1 in public review #1 draft): shall statement revised and new shall statement added*

The Provider shall have ~~an a~~ a periodic internal review Process that ensures adherence to the current ANSI/IACET Standard for Continuing Education and Training. The review shall be conducted at a minimum, annually.

5.7.1 *(Section 5.4.1 in public review #1 draft): shall statement revised*

The Provider shall have a policy that their personnel shall meet the Provider's documented qualifications to support the CE/T program as well as its continued improvement ~~The Provider shall employ personnel and/or contractors that meet the Provider's documented qualifications to support the CE/T program as well as its continued improvement.~~

## 6 Requirements for the learning event

## 7 Recognizing successful achievement and maintaining learner records

7.2.3 *Shall statement deleted*

~~The Provider shall have a Policy requiring that a learner's records be kept private and secured.~~

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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by **grey highlighting**. Rationale Statements are in *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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#### 4.2 Probiotics

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

- minimum CFU count, viable cell count (expressed according to the method used), or a combination of both, of each strain of live microorganism at the time of the product or ingredient's expiration, or at time of production if no expiration date is applied; or
- minimum total CFU count, viable cell count (expressed according to the method used), or a combination of both, for a blend of live microorganisms at the time of the product or ingredient's expiration, or at time of production if no expiration date is applied; and
- potency values depicted on a probiotic-containing ingredient or product are consistent with the test(s) used by the company in establishing their specifications; and
- storage directions that guarantee the minimum CFU count(s), viable cell count(s), or a combination of both, at the time of expiration, or at time of production if no expiration date is applied; and
- identification of the probiotic including genus, species, and strain based on widely accepted nomenclature. If a trademarked name is used to identify the bacteria, the genus, species, and strain should also be included on the label; and
- finished products offered for sale in the USA must first list the quantity of a strain or blend of strains in terms of weight (e.g. milligrams); the labeling regulations of other jurisdictions outside of the USA shall take precedence over those offered herein.

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NSF/ANSI Standard  
for GMP for Cosmetics –

## Good Manufacturing Practices for Cosmetics

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### 4 Audit requirements

#### 4.1 Context of the organization

4.1.1 Manufacturers, packers, and distributors of cosmetic products that are in commercial distribution shall be registered with the regulatory agency in the country of manufacture or sale, if required by the relevant jurisdiction(s).

4.1.2 Where manufacturers, packers, and distributors of cosmetic products that are in commercial distribution are the responsible party or, as per a contractual agreement, those products shall be registered with the regulatory agency in the country of manufacture or sale, as required by the relevant jurisdiction(s).

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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by **grey highlighting**. Rationale Statements are in *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 – Lead Content

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### 1 Purpose, scope, and normative references

#### 1.1 Purpose

This standard establishes procedures for the determination of lead content based on the wetted surface areas of products.

#### 1.2 Scope

This standard applies to any drinking water system component that conveys or dispenses water for human consumption through drinking or cooking.

**1.2.1** Devices or components not included in Section 1.2 that are part of a plumbing system or that dispense drinking water from a self-contained reservoir shall be permitted to be evaluated by the standard requiring compliance.

**Rationale:** *This language is intended to allow the optional evaluation of:*

- 1) ***Products that do not require NSF/ANSI 372 compliance due to any standard or regulatory requirements but may be evaluated at the option of the manufacturer. Examples include self-closing or sensor faucets usually intended for handwashing and not for human consumption but are certified to NSF/ANSI 372 (and NSF/ANSI 61) at the request of the manufacturer.***
- 2) ***A DWA JC ballot in 2018 regarding exempted products from NSF/ANSI/CAN 61 and 372 that are not plumbed in and therefore not considered ‘drinking water system components’.. Examples include batch-type DWTUs, atmospheric water generators, non-plumbed water dispensers or non-plumbed-in coffeemakers. A DWA JC ballot in 2018 exempted products from NSF/ANSI 61 and 372 that are not plumbed in and therefore not ‘drinking water system components’. That ballot***

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*implies that any DW devices that are not plumbed-in are not ‘drinking water systems’.*

- 3) *Some products fall within the scope of the Act but do not fall within the scope of “drinking water system component that conveys or dispenses water for human consumption through drinking or cooking”*

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## 2 Definitions

**2.1 coating:** A covering or barrier applied to a substrate by electro, chemical deposition, or via mechanical adhesion (paint).

**2.2 Drinking water cooler:** means any mechanical device, affixed to drinking water supply plumbing, which actively cools water for human consumption. Source of definition: 40CFR § 143 Subpart B—Use of Lead Free Pipes, Fittings, Fixtures, Solder, and Flux for Drinking Water

**2.3 filter media:** the material in a system that forms a water-permeable barrier to the passage of certain contaminants or otherwise contributes to the reduction of contaminants in water (e.g. via ion exchange). It could include activated carbon, ion exchange resin, RO membranes, permeable ceramics and porous polymeric media (e.g. string-wound filters).

**2.24 liner:** A barrier component which is mechanically attached and sealed to prevent water contact with another component (e.g., a tubular or cast brass spout with a thermoplastic sleeve inserted inside and sealed with an O-ring or other sealing material, such that water does not come into contact with the brass spout material).

**Rationale:** *New language addressing Filter media in Section 4 (added to align with Subpart B 143.12(e) ) requires a definition to clarify the intention of the requirements. This definition comes from that in NSF/ANSI 330. Similarly, new language added to section 3 to align with Subpart B 143.12(f) requires a definition of drinking water cooler to clarify the scope. The definition for drinking water cooler is identical to that found in Subpart B 143.11 Definitions.*

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## 3 General requirements

Solders and fluxes shall have a lead content less than or equal to 0.2%.

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The storage tank interior surface of drinking water coolers shall have a lead content less than or equal to 0.2%. Drinking water coolers must be manufactured such that each individual part or component that may come in contact with drinking water shall not contain more than 8 percent lead<sup>1</sup>.

All other products shall have a weighted average lead content less than or equal to 0.25% based on the average of their wetted surface areas.

***Rationale: Subpart B 143.12(f) states that: In addition to the definitions of “lead free” in paragraphs (a) through (e) of this section, no drinking water cooler, which contains any solder, flux, or storage tank interior surface, which may come into contact with drinking water, is lead free if the solder, flux, or storage tank interior surface contains more than 0.2 percent lead. Drinking water coolers must be manufactured such that each individual part or component that may come in contact with drinking water shall not contain more than 8 percent lead while still meeting the maximum 0.25 percent weighted average lead content of the wetted surfaces of the entire product.***

***While the current language addresses requirements for solder and flux, it does not address the requirements for storage tanks in water coolers. This language adds requirements for water coolers limiting the amount of Pb in interior surfaces of storage tanks to <0.2% and that other wetted components contain no more than 8% Pb. (This requirement stems from the definition for lead free in SDWA 1461 (CFR 42 chapt 6A subchap XII sec 300j))***

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#### **4 Weighted average lead content calculation**

The weighted average lead content of the product shall be calculated using the surface area and lead content information established under Section 4.1. For internal NPT (pipe) threads, engagement of male components into female threads will assume that 25% of the length of the female thread remains exposed as wetted surface area.

All of the wetted surfaces are to be included in the weighted average lead content calculation, not just those surfaces that contain lead, with the exception of filter media (e.g. activated carbon, ion exchange resin). Media shall be tested for lead content, have a lead content of  $\leq 0.25\%$  and meet the requirements of section 3.3 but shall not be included in the weighted average lead content calculation.

The results of the weighted average lead calculation shall be rounded to two decimal places prior to determination of compliance.

***Rationale: Subpart B 143.12(e) states that: If a fixture contains any media (e.g., activated carbon, ion exchange resin) contained in filters, the media are not to be used in determining the “total wetted surface area of the entire product” in paragraph (b) of this section.***

<sup>1</sup> Source of requirement: 40CFR § 143 Subpart B—Use of Lead Free Pipes, Fittings, Fixtures, Solder, and Flux for Drinking Water

## 2025 A119.5 WORKING COMMITTEE COMMENT DOCUMENT (WCCD)

### Canvass Working Committee WCCD Action Meeting

April 11<sup>th</sup>, 2024

A119.5, WCD Log # 6

#### COMMENT ON PROPOSAL:

My reasons for objecting to the changes proposed to A119.5, 5-11 include, but may not be limited to the following:

Neither the substantiation by the submitter, nor the working committee statement appear to address the reasoning for changes to each subsection. Instead they appear to generally express the industry desire to have side porches be part of the standard without specifically providing complete consideration of all the necessary design or enforcement issues.

It appears that in 5-11.2.1 “unless completely protected from exposure to the exterior atmosphere” was originally struck by the submitter, but then reinstated by the WC. Since this concept is realistically defined or explained anywhere in the standard (or seemingly achievable for an exterior application) it seems to me that it should have remained as “removed” language. With this in mind, it seemingly should not exist within 5-11.4.2 either.

Without specific substantiation by the submitter it is unclear why “(see section 5-4)” is being included in 5-11.3.1. Especially in consideration of the fact that 5-11.4.1 is slated to be struck from the standard?

It seems reasonable that the WC chose to keep 5-11.3.2

Regarding 5-11.4.3 – again without specific substantiation by the submitter it is unclear why 5-11.4.3 is slated to be struck from the standard. The “(see section 5-4)” noted above in 5-11.3.1 appears to only give a reference to 5-4 (seemingly for the loading requirements? – but again no substantiation) and 5-11.4.1 was struck – so does that mean that if a manufacturer were allowed to build a side porch, they would not be able to put down a subfloor (as previously shown in this section) and cover it with a decking membrane? Which seemingly would be a viable solution to protect the joists from rain, and the subsequent wicking of that moisture back into the floor joists that are continuous under the interior of the unit.

If a subfloor is actually still allowed (for the application of a membrane surface – like duradek or similar – or some other deck surfacing product) it would seem that 5-11.4.4 and the related exception would still be relevant. But currently they have been struck (perhaps by the WC).

It seems that 5-11.4.8 is still concerned with water intrusion (as I believe it should be). I believe the weather resistive joist portion is already covered in 5-11.2.1 and that section could be referenced (but even that may just be redundant).

5-11.4.9 is slated to be struck (again with no substantiation that I could find) and it seems that this frame specification would still be relevant to porches at either end. 5-11.4.10 appears to have been added by the submitter, and blocking at the joists under the unit exterior wall would appear to be mandatory if there is no continuous rim. Flashing and sealants – properly installed also appear mandatory, but “where needed” seems

very nebulous at best, and it seems fasteners should be covered separately – especially in relation to their requirements for use in treated woods.

Without more specific substantiation to help understand the intent of the changes to individual subsections it was difficult to clarify the reasons I object to item 6 as proposed, but I believe I have presented relevant thoughts that I hope are considered.

#### **WORKING COMMITTEE ACTION:**

1) Keep 5-11.2.1 as shown in the WCD action document.

2) Re-write 5-11.3.1 as follows:

5-11.3.1 Porches that are manufactured as an integral part of a Park Model RV ~~that exceeds eight feet six inches (8' 6") (2.5908 m) in width while in the travel mode~~ shall be designed and constructed to sustain the load requirements applicable to the main body of the trailer to which the porch is attached. Additional removable framing may be incorporated to transmit dynamic loads incurred while in transit if the use of such supports is fully described in the owner's manual or other documentation provided to the purchaser.

3) Keep 5-11.4.1 in the standard as it currently reads in the 2020 edition. (It was originally proposed to be struck through)

4) Keep 5-11.4.3 in its entirety as it currently reads in the 2020 edition.

5) Keep all of 5-11.4.4 as it currently reads in the 2020 edition.

6) Re-number the current 5-11.4.9 as it reads in the 2020 edition to 5-11.4.11.

7) Re-write the proposed 5-11.4.10 to read as follows:

5-11.4.10 All porch floor assemblies, as needed, shall utilize blocking, flashings, sealants, and fasteners, properly installed, to provide protection against surface water infiltration.

#### **WORKING COMMITTEE STATEMENT:**

Regarding the commentor's statement on section 5-11.2.1, the Working Committee recommends that the verbiage "unless completely protected from exposure to the exterior atmosphere" remain in the section and also remain in section 5-11.4.2 because there are various methods of protecting materials not identified for exterior use, such as the use of

vinyl sleeves, for example. The working committee is of the opinion that manufacturers should not be limited to certain methods and materials.

Regarding the commentor's statement on section 5-11.3.1, the commentor is wondering why the submitter added "(see section 5-4)." The working committee agrees with the commentor and recommends that "(see section 5-4)." be struck from this part of the proposal and recommends that 5-11.4.1 be kept in the standard as it currently reads in the 2020 edition.

Regarding the commentor's statement on section 5-11.4.3, the working committee agrees with the commentor that there is no reason for the majority of the section to be removed from the standard. The working committee recommends that all of section 5-11.4.3 be kept as it currently reads in the 2020 edition.

Regarding the commentor's statement on section 5-11.4.4, the working committee agrees with the commentor and now recommends that all of section 5-11.4.4 be kept in the standard as it currently reads in the 2020 edition, since the working committee is recommending that all of section 5-11.4.3 be kept in the standard.

Regarding the commentor's statement on section 5-11.4.8, the working committee takes no action, as the commentor does not specify a need to change the proposed revisions to the section.

Regarding the commentor's statement on section 5-11.4.9, the working committee recommends adding the struck through language seen in the proposal under section 5-11.4.9 "Steel frames supporting the floor shall be constructed identical to and integrated into the frame supporting the main unit." to be retained and re-numbered as 5-11.4.11.

Regarding the commentor's statement on section 5-11.4.10, the working committee recommends that 5-11.4.10 be re-written as follows: "All porch floor assemblies, as needed, shall utilize blocking, flashings, sealants, and fasteners, properly installed, to provide protection against surface water infiltration."

## BSR/UL 746C, Standard for Safety for Polymeric Materials – Use in Electrical Equipment Evaluations

### 1. Addition of Requirements for Testing Un-Notched Izod Impact Specimens to Paragraph 57.2.1 as Exception No. 3

#### PROPOSAL

57.2.1 The specimens as indicated in the Standard for Polymeric Materials – Short Term Property Evaluations, UL 746A, and the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94, are to be mounted vertically on the inside of the cylinder in the xenon-arc light apparatus, with the width of the specimens facing the xenon light source, and so that they do not touch each other.

*Exception No. 1: For flexural strength specimens the ultraviolet-exposed side is to be in contact with the two points when using the three-point loading method.*

*Exception No. 2: Izod impact specimens are to be notched prior to UV conditioning with the direction of UV exposure towards the notch.*

*Exception No. 3: Unnotched impact specimens shall be mounted in the test fixture in such a way that the crack initiation occurs at the ultraviolet-exposed-side.*

### 2. Addition of Requirements for Improvements to Water Immersion Testing in Section 58

#### PROPOSAL

##### 58 Water Exposure and Immersion Test

58.1 Using standard test procedures, property values for the material are to be determined both before and after the conditioning described below:

a) Specimens of the material shall be immersed in distilled or deionized water at  $70 \pm 2^{\circ}\text{C}$  ( $158 \pm 4^{\circ}\text{F}$ ) for  $168 \pm 2$  hours (or 7 days). A complete change of distilled or deionized water is to be made ~~on each of~~ daily during the first 5 days. ~~Following the water conditioning, those specimens that are to be subjected to physical property tests are to be immersed in distilled or deionized water at  $23 \pm 2^{\circ}\text{C}$  ( $73 \pm 4^{\circ}\text{F}$ ) for  $30 \pm 5$  min prior to testing within the following 60 min. Following the immersions, those specimens to be subjected to flammability tests are to be conditioned in air at  $23 \pm 2^{\circ}\text{C}$  ( $73 \pm 4^{\circ}\text{F}$ ) and 50  $\pm$  10 percent relative humidity for a minimum of 2 weeks, but not more than 30 days.~~

*Exception: For materials classed 5VA or 5VB or materials that are evaluated by Enclosure Flammability – 5 inch Flame Test, Section 52, the specimens shall be immersed in distilled or deionized water at  $82 \pm 2^{\circ}\text{C}$  ( $180 \pm 4^{\circ}\text{F}$ ) rather than  $70 \pm 2^{\circ}\text{C}$ .*

b) Following the 7 days water conditioning, those specimens that are to be subjected to physical-property tests are to be immediately cooled down by immersing in distilled or deionized water at  $23 \pm 2^{\circ}\text{C}$  ( $73 \pm 4^{\circ}\text{F}$ ) for  $30 \pm 5$  min. Then the specimens shall be removed from the cooling bath, wiped to remove any excess water on the specimen surface using filter paper or lint-free cloth and stored immediately in a hermetically sealed container until testing. The specimens may be maintained for a maximum of 72 hours in the sealed container. The specimens are then subjected to physical-property tests within 60 minutes after opening the container.

NOTE: Specimens can also be tested within 60 minutes from the moment they were removed from the cooling bath.

c) Following the 7 days water conditioning, those specimens to be subjected to flammability tests are to be conditioned in air at  $23 \pm 2^{\circ}\text{C}$  ( $73 \pm 4^{\circ}\text{F}$ ) and  $50 \pm 10$  percent relative humidity for a minimum of 2 weeks, but not more than 30 days.

### 3. Addition of Fahrenheit Temperature Values to Table 69.1

#### PROPOSAL

**Table 69.1**  
**Oven temperature exposure**

Temperature index (T)		Test temperature,	
<u><math>^{\circ}\text{C}</math></u>	<u><math>(^{\circ}\text{F})</math></u>	$^{\circ}\text{C}$	$(^{\circ}\text{F})$
60	<u>140</u>	104	219
75	<u>167</u>	123	253
90	<u>194</u>	138	280
105	<u>221</u>	156	312
135	<u>275</u>	180	356
155	<u>311</u>	205	401
180	<u>356</u>	229	444
200	<u>392</u>	255	491
220	<u>428</u>	275	527
240	<u>464</u>	290	554

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**BSR/UL 758, Standard for Safety for Appliance Wiring Material****1. Addition of Silvered Copper-Beryllium Alloy to Table 5.3****2. Addition of Silver and Nickel Coated Copper Alloy to Table 5.3****PROPOSAL**

Note from the TC Project Manager: For brevity, only the proposed change to Table 5.3 is shown.

**Table 5.3**  
**Conductor – metal specifications**

Conductor metal	ASTM reference for the metal	Temperature limit for the metal, °C (°F)	Other limits
<u>Copper-beryllium alloy, annealed or hard-drawn</u>	<u>ASTM B 193</u>	<u>200 (392)</u>	<u>May be uncoated or provided with a silver coating</u>

**2. Addition of Silver and Nickel Coated Copper Alloy to Table 5.3****PROPOSAL**

Note from the TC Project Manager: For brevity, only the proposed change to Table 5.3 is shown.

**Table 5.3**  
**Conductor – metal specifications**

Conductor metal	ASTM reference for the metal	Temperature limit for the metal, °C (°F)	Other limits
<u>High strength copper alloy, annealed, diameter of each strand or thickness of rectangular or tubular conductor less than 0.015 inch (0.38 mm)</u>	<u>ASTM B 624</u>	<u>150 (302)</u>	<u>May be uncoated or provided with a tin, silver, nickel, or lead based alloy coating. Copper alloy employing 0.05 – 0.127 mm (1.969 – 5.0 mils) may be minimum 70 percent IACS and meets the same requirements as conductors meeting ASTM B624 except that the minimum tensile strength shall not be less than 294 MPa.</u>
<u>High strength copper alloy, annealed, diameter of each strand or thickness of ANSI/ASTM B 624 200 (392) May be uncoated or provided with a tin, silver, nickel, or lead based alloy coating rectangular or tubular conductor at</u>	<u>ASTM B 624</u>	<u>200 (392)</u>	<u>May be uncoated or provided with a tin, silver, nickel, or lead based alloy coating.</u>

least 0.015 inch (0.38 mm)			
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## BSR/UL 1203, Standard for Safety for ExplosionProof and Dust-IgnitionProof Electrical Equipment for Use in Hazardous (Classified) Locations

1. Revisions to the marking for component enclosures that have been tested for explosion pressure and propagation and the effects of short-circuit explosion testing with circuit breakers as the ignition source in Clause 59.23. Clause 59.24 is proposed to be deleted as the requirement is covered in Clause 59.23.

### PROPOSAL

~~59.23 Electrical enclosures for Class I only, intended to protect arcing contacts after final installation that are investigated with respect to explosion and fire hazard only without all installable interrupting contacts present during the investigation. A component enclosure that has been tested for explosion pressure and propagation effects of short-circuit testing with circuit breakers shall be marked with the word "CAUTION" and the following or equivalent wording: "To prevent external fire or explosion do not install switching equipment intended to interrupt more than \_\_\_\_\_ rms symmetrical amperes at \_\_\_\_\_ Volts A/C. Do not install equipment that will produce external surface temperatures exceeding the ignition temperature of the flammable or combustible materials which may surround this enclosure." and "Current-interrupting devices, such as switches, relays and circuit breakers, which may be installed in the enclosure may fail electrically or mechanically unless they have been investigated and found suitable for operation in the hazardous locations involved." The marking shall be readily visible during installation of the equipment and located inside of the enclosure. The marking shall be permitted to be included on an adhesive or pressure sensitive label or the equivalent.~~

The blank space is to be marked "10,000" rms and "600" Volts unless the enclosure has been tested with representative equipment interrupting a higher current, in which case the higher current may be marked at the corresponding test voltage. Multiple ratings may be marked as applicable.

~~59.24 The marking specified in 59.23 shall be readily visible during installation of equipment inside the enclosure. The marking may be on a pressure sensitive label or the equivalent. The marking may be on the same label as the marking specified in 59.23 or on a separate label.~~

~~59.26 A component enclosure that has been tested for explosion pressure and propagation effects of short-circuit testing with circuit breakers shall be marked with the word "CAUTION" and the following or equivalent wording: "To prevent external fire or explosion do not install switching equipment intended to interrupt more than \_\_\_\_\_ rms symmetrical amperes. Do not install equipment that will produce external surface temperatures exceeding the ignition temperature of the flammable or combustible materials which may surround this enclosure." The blank space is to be marked "10,000" unless the enclosure has been tested with representative equipment interrupting a higher current, in which case the higher current may be marked. The marking shall be permitted to be included on an adhesive label located inside the enclosure.~~

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