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Project Initiation Notification System (PINS)

Section 2.5.1 of the *ANSI Essential Requirements* (www.ansi.org/essentialrequirements) describes the Project Initiation Notification System (PINS) and includes requirements associated with a PINS Deliberation. Following is a list of PINS notices submitted for publication in this issue of ANSI Standards Action by ANSI-Accredited Standards Developers (ASDs). Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for information about American National Standards (ANS) maintained under the continuous maintenance option, as a PINS to initiate a revision of such standards is not required. Use this [Public Document Library link](#) 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.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 019-202x, Standard for Wildlife Forensic Laboratory Practices (revision of ANSI/ASB Std 019-2019)

Stakeholders: Wildlife/animal (non-human) forensic science practitioners, academia, and legal entities who are engaged with wildlife forensic casework.

Project Need: This document provides overview and recommendations for the functional areas and casework needs for a functional analytical laboratory serving wildlife/animal legal casework.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This document provides requirements and recommendations for wildlife forensic laboratories. This document covers laboratory practices, evidence handling, and a broad outline for analyst training as well as considerations of taxonomy and reference collections that are specific to wildlife forensic science. It does not include specific training plans for analysts in various subdisciplines. This document is not intended to replace requirements in additional forensic laboratory standards but is instead designed to guide laboratories which are working toward meeting those requirements.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 046-202x, Standard for Wildlife Forensics Validation STR Analysis (revision of ANSI/ASB Std 046-2019)

Stakeholders: Wildlife forensic science practitioners are the primary stakeholders, but the document may also benefit law enforcement officials and the court/judicial system.

Project Need: This document addresses the particular need in wildlife forensics to validate new nuclear STR (short tandem repeat) primer sets in laboratories that have previously validated STR analysis methods and are expanding the primer sets used for source attribution.

Interest Categories: Academics and Researchers, General Interest, Jurisprudence and Criminal Justice, Producer, User - Government, User - Non-Government

This standard provides minimum requirements and recommendations for validating new nuclear STR (short tandem repeat) markers for use in wildlife forensic DNA laboratories where the STR genotyping method has already been validated.

ABYC (American Boat and Yacht Council)

Emily Parks <eparks@abycinc.org> | 613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org

Revision

BSR/ABYC A-32-202x, Ac Power Conversion Equipment And Systems (revision of ANSI/ABYC A-32-2022)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard applies to electrical and electronic power conversion and control equipment in the AC shore power feed on boats: operating at 600 V or less, and with onboard distribution systems operating at 300 V or less, single or three-phase, installed between the shore power inlet and the distribution panel, between shore power and onboard AC power sources, and between multiple onboard AC power sources for: power conditioning and conversion; seamless transfer between sources; and parallel operation of sources.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer, General Interest

This standard addresses the design, construction, and installation of electrical and electronic power conversion, control equipment, and systems.

ABYC (American Boat and Yacht Council)

Emily Parks <eparks@abycinc.org> | 613 Third Street, Suite 10 | Annapolis, MD 21403 www.abycinc.org

Revision

BSR/ABYC S-31-202x, Environmental Considerations For Electronic Systems And Components Installed On Boats (revision of ANSI/ABYC S-31-2022)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard addresses the qualifications of electronic systems and electronic components intended to be used on boats. This standard, or any specific section thereof, applies when referenced or specified in any ABYC standard. Applicable pass/fail criteria and testing levels are dictated by the referencing standard.

Interest Categories: Manufacturer - Boats, Manufacturer - Engines, Manufacturer - Accessory, Insurance / Survey, Specialist Service, Specialist Misc., Government, Consumer, General Interest

This standard addresses the qualifications of electronic systems and electronic components intended to be used on boats. This standard, or any specific section thereof, applies when referenced or specified in any ABYC standard. Applicable pass/fail criteria and testing levels are dictated by the referencing standard.

APCO (Association of Public-Safety Communications Officials-International)

Cesar Eizaga <ceizagac@apcointl.org> | 351 N. Williamson Boulevard | Daytona Beach, FL 32114-1112 www.apcointl.org

New Standard

BSR/APCO 1.127.1-202x, Information Quality, Validation, and Actionable Criteria for Externally Generated Information used by Emergency Communications Centers (ECCs) (new standard)

Stakeholders: Telecommunicators, public safety agencies, responders, involved individuals and the community will benefit from the standard.

Project Need: Emergency Communications Centers (ECCs) are increasingly receiving information from a rapidly growing ecosystem of connected technologies, applications, monitoring services, sensors, telematics platforms, artificial intelligence-enabled systems, and other external sources. While these technologies have the potential to improve situational awareness and emergency response, inconsistent approaches to information validation, quality assurance, and transmission criteria may result in PSTs receiving false, incomplete, duplicative, misleading, or non-actionable information, as well as delaying call and information processing. Unmanaged and/or uncontrolled delivery of such information will unnecessarily increase TSP and ECC workload, complicate d

Interest Categories: Users, producers and general interest

The standard establishes technology-neutral information-quality criteria intended to promote the presentation of reliable and actionable information to Public Safety Telecommunicators (PST) and to reduce false, misleading, duplicative, incomplete, stale, non-uniform, or non-actionable information that may unnecessarily increase ECC workload or adversely affect emergency response. It applies to information generated by automated systems, sensors, monitoring centers, telematics services, applications, artificial intelligence-enabled technologies, Internet of Things (IoT) devices, and other external information sources. The standard is intended to support PST's by promoting the delivery of actionable, reliable information and reducing the introduction of false, misleading, duplicative, incomplete, non-uniform, or non-actionable information into ECC operations.

ASSP (American Society of Safety Professionals)

Lauren Bauerschmidt <LBauerschmidt@assp.org> | 520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org

Revision

BSR/ASSP A10.16-202x, Safety Requirements for Tunnels, Shafts and Caissons (revision and redesignation of ANSI/ASSP A10.16-2026)

Stakeholders: Occupational Safety and Health Professionals working with construction and demolition operations and affiliated stakeholders

Project Need: Based upon the consensus of the A10 Committee and Occupational Safety and Health Professionals working in the construction and demolition industry

Interest Categories: Employer/User, Employee/Labor, Technical, Consultants and Related Interests

The purpose of this standard is to establish reasonable and practical safety requirements and practices for the construction of tunnels, shafts and caissons.

ASSP (American Society of Safety Professionals)

Lauren Bauerschmidt <LBauerschmidt@assp.org> | 520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org

Revision

BSR/ASSP A10.43-202x, Confined Spaces in Construction and Demolition Operations (revision and redesignation of ANSI/ASSP A10.43-2026)

Stakeholders: Occupational Safety and Health Professionals working with construction and demolition operations and affiliated stakeholders

Project Need: Based upon the consensus of the A10 Committee and Occupational Safety and Health Professionals working in the construction and demolition industry

Interest Categories: Employer/User, Employee/Labor, Technical, Consultants and Related Interests

This standard sets forth the minimum elements and activities of a program that defines the duties and responsibilities of construction and demolition employers to be followed while entering, exiting and working in confined spaces at normal atmospheric pressure.

ATIS (Alliance for Telecommunications Industry Solutions)

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

Revision

BSR/ATIS 0600315-202x, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI/ATIS 0600315-2022)

Stakeholders: Communications Industry

Project Need: There is a need to update this Standard.

Interest Categories: General Interest, User, Producer

This standard establishes requirements and test procedures for voltage ranges and characteristics associated with the input voltage of telecommunications equipment powered from dc power systems in the telecommunications environment. It includes +12, + and -24, -48, + and -130, and 140 VDC.

ISA (Organization) (International Society of Automation)

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

National Adoption

BSR/ISA 18.2-202x, Management of Alarm Systems for the Process Industries (identical national adoption of IEC 62682:2025)

Stakeholders: This document provides requirements for alarm management and alarm systems. It is intended for those individuals and organizations that a) manufacture or implement embedded alarm systems, b) manufacture or install third-party alarm system software, c) design or install alarm systems, d) operate and maintain alarm systems, and e) audit or assess alarm system performance.

Project Need: This document defines the terminology and models to develop an alarm system, and it defines the work processes recommended to effectively maintain the alarm throughout the life cycle. Ineffective alarm systems have often been cited as contributing factors in the investigation reports following major process incidents. This document is intended to provide a methodology that will result in the improved safety, quality, and operation in the process industries.

Interest Categories: User, Producer, Regulatory/Government, Testing/Certification/Approval, Architect-Engineer, Engineer-Constructors, Integrators, General

This International Standard addresses the development, design, installation, and management of alarm systems in the process industries. Alarm management includes multiple work processes throughout the alarm management life cycle.

NEMA (National Electrical Manufacturers Association)

Khaled Masri <Khaled.Masri@nema.org> | 1812 N Moore Street, Suite 2200 | Arlington, VA 22209 www.nema.org

Revision

BSR ICEA S-119-741-202x, STANDARD FOR FIBER TO THE ANTENNA (FTTA) OPTICAL FIBER CABLE (revision of ANSI ICEA S-119-741-2021)

Stakeholders: Wires and cables manufacturers, utility companies, telecommunication companies

Project Need: Introduce new product requirements

Interest Categories: Producers, Users and General Interests

Fiber to the Antenna (FTTA) cables covered by this standard include cable used for distribution and delivery of optical fiber from the baseband unit (BBU) of a cell site to the remote radio unit (RRU)/active antenna unit (AAU) on the associated structure. These cables may be a hybrid design, incorporating electrical conductors for power delivery and control, or standalone optical cables.

NEMA (National Electrical Manufacturers Association)

Khaled Masri <Khaled.Masri@nema.org> | 1812 N Moore Street, Suite 2200 | Arlington, VA 22209 www.nema.org

Revision

BSR ICEA S-94-649-202x, Concentric Neutral Cables Rated 5 Through 46 kV (revision of ANSI ICEA S-94-649-2021)

Stakeholders: utility, power, municipal

Project Need: Maintain existing standard

Interest Categories: Producers, Users and General Interests

These standards apply to materials, constructions, and testing of crosslinked polyethylene, tree retardant crosslinked polyethylene and ethylene propylene rubber insulated single conductor or multiplexed concentric neutral cables rated 5 to 46 kV which are used for the transmission and distribution of electrical energy.

NEMA (National Electrical Manufacturers Association)

Khaled Masri <Khaled.Masri@nema.org> | 1812 N Moore Street, Suite 2200 | Arlington, VA 22209 www.nema.org

Revision

BSR ICEA S-97-682-202x, Standard for Utility Shielded Power Cables Rated 5 Through 46 kV (revision of ANSI ICEA S-97-682-2023)

Stakeholders: utility, power, municipal

Project Need: Maintain existing standard

Interest Categories: Producers, Users and General Interests

These standards apply to materials, constructions, and testing of crosslinked polyethylene, tree retardant crosslinked polyethylene and ethylene propylene rubber insulated single conductor or multiplexed shielded power cables rated 5 to 46 kV which are used for the transmission and distribution of electrical energy.

NEMA (National Electrical Manufacturers Association)

Steve McNeece <steve.mcneece@nema.org> | 1812 N Moore Street, Suite 2200 | Arlington, VA 22209 www.nema.org

Revision

BSR NEMA C29.3-202x, Wet Process Porcelain Insulators – Spool Type (revision of ANSI/NEMA C29.3-2015 (R2022))

Stakeholders: Porcelain insulator manufacturers, electric utilities, transmission system operators, distribution system operators, electrical design engineers, insulator testing laboratories, quality assurance professionals, procurement specialists, standards developers, certification bodies

Project Need: To ensure the standard remains compliant with its 5-year maintenance cycle.

Interest Categories: User, producer, and general interest

This standard covers spool-type insulators made of wet-process porcelain and used in the transmission and distribution of electric energy. It establishes requirements for materials, dimensions, characteristics, marking, sampling, inspection, and testing of porcelain spool-type insulators, including mechanical and electrical performance criteria, dimensional classifications, and quality conformance requirements for use on electric power systems.

NEMA (National Electrical Manufacturers Association)

Steve McNeece <steve.mcneece@nema.org> | 1812 N Moore Street, Suite 2200 | Arlington, VA 22209 www.nema.org

Revision

BSR NEMA C29.4-202x, Wet Process Porcelain Insulators – Strain Type (revision of ANSI C29.4-2022)

Stakeholders: Porcelain insulator manufacturers, electric utilities, transmission system operators, distribution system operators, electrical design engineers, insulator testing laboratories, quality assurance professionals, procurement professionals, standards developers, regulatory authorities

Project Need: To ensure the standard remains compliant with its 5-year maintenance cycle.

Interest Categories: user, producer, and general interest

This standard covers strain-type insulators made of wet-process porcelain and used in the transmission and distribution of electric energy. It establishes the performance, dimensional, material, marking, and testing requirements for these insulators.

NEMA (National Electrical Manufacturers Association)

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

Revision

BSR NEMA WC 23070/ICEA S-95-658-202x, Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy (revision and redesignation of ANSI NEMA WC 70/ICEA S-95-658-2021)

Stakeholders: Users and producers of wire and cable

Project Need: Introduce new product requirements

Interest Categories: Producers, Users and General Interests

This standard applies to materials, constructions, and testing of 2000 volts and less thermoplastic and thermoset insulated wires and cables which are used for the transmission and distribution of electrical energy for normal conditions of installation and service, either indoors, outdoors, aerial, underground, or submarine.

TCNA (ASC A108) (Tile Council of North America)

Katelyn Simpson <ksimpson@tcnatile.com> | 100 Clemson Research Blvd. | Anderson, SC 29625 www.tcnatile.com

Revision

BSR A108.M-202x, General Requirements: Materials and Standards for the Installation of Tile (revision of ANSI A108.M-2023)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries and other general interest users of this standard (general interest category).

Project Need: Stakeholders have suggested revisions to various sections of this standard.

Interest Categories: Ceramic, Glass, Stone, or other Hard Surface Flooring, Wall Covering, or Countertop Producers, Installation Materials Manufacturers, Labor, Users, General Interest

This standard is intended to provide a list of standards and describe the general requirements of materials for the installation of ceramic and glass tile.

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-3-17-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-24: Particular requirements for transportable table masonry saws (identical national adoption of IEC 62841-3-17 Ed. 1)

Stakeholders: Consumers and manufacturers of transportable table masonry saws.

Project Need: To obtain American National Standard recognition for this new Standard covering requirements for transportable table masonry saws with the adoption of IEC 62841-3-17:2026 as the first edition of UL 62841-3-17. The adoption of this Standard is intended to harmonize terminology, design & construction specifications, and test methods used for verification of safety requirements related specifically to transportable table masonry saws. The adoption of this Standard is important to advance the harmonized international based safety requirements to ensure products produced in the United States or imported are delivering the same quality safety certified products.

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

This International Standard provides safety requirements particular to transportable table masonry saws.

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-4-10-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-10: Particular requirements for pole-mounted pruners. (identical national adoption of IEC 62841-4-10 Ed. 1)

Stakeholders: Consumers and manufacturers of pole-mounted pruners.

Project Need: To obtain American National Standard recognition for this new Standard covering requirements for pole-mounted pruners with the adoption of IEC 62841-4-10:2026 as the first edition of UL 62841-4-10. The adoption of this Standard is intended to harmonize terminology, design & construction specifications, and test methods used for verification of safety requirements related specifically to pole-mounted pruners. The adoption of this Standard is important to advance the harmonized international based safety requirements to ensure products produced in the United States or imported are delivering the same quality safety certified products.

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

This International Standard provides safety requirements particular to pole-mounted pruners.

ULSE (UL Standards and Engagement)

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

National Adoption

BSR/UL 62841-4-11-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-11 Particular requirements for edgers. (identical national adoption of IEC 62841-4-11 Ed. 1)

Stakeholders: Consumers and manufacturers of edgers.

Project Need: To obtain American National Standard recognition for this new Standard covering requirements for edgers with the adoption of IEC 62841-4-11:2026 as the first edition of UL 62841-4-11. The adoption of this Standard is intended to harmonize terminology, design & construction specifications, and test methods used for verification of safety requirements related specifically to. Edgers. The adoption of this Standard is important to advance the harmonized international based safety requirements to ensure products produced in the United States or imported are delivering the same quality safety certified products.

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

This International Standard provides safety requirements particular to edgers.

Call for Comment on Standards Proposals

American National Standards

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section (s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. e-mail: psa@ansi.org

* Standard for consumer products

Comment Deadline: November 1, 2026

NSF (NSF International)

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

Revision

BSR/NSF 49-202x (i213r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2024)

This standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to Biosafety Levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this standard. This standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor / blower performance.

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

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

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 111-202x, Standard for Safety for Multioutlet Assemblies (new standard)

The proposed First Edition of the Standard for Multioutlet Assemblies, UL 111, is being recirculated.

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

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

Comment Deadline: November 1, 2026

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 498-202x, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2024)

This revision of ANSI/UL 498 recirculates proposed requirements related to Electric Vehicle Supply Equipment (EVSE) identified receptacles and the addition of new Supplement SG, Modular Receptacle With Separable Device.

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

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

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Durham, NC 27713 | Lanaya.bankins-woody@UL.org, <https://ulse.org/>

Revision

BSR/UL 1682-202x, Standard for Safety for Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type (revision of ANSI/UL 1682-2024)

This proposal for UL 1682 covers: Adding language to increase the awareness of magnetically coupled devices present in an assembly

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

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

Comment Deadline: November 16, 2026

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 226-202x, Standard for Scene Diagramming (new standard)

This document provides the minimum requirements for when scene diagramming is used, including manual and electronic measurement, and diagramming methods. Methods of validation, verification, and calibration of measurement equipment are not included in this document.

Single copy price: Free

Obtain an electronic copy from: <https://www.aafs.org/aafs-standards-board>

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

Comment Deadline: November 16, 2026

AMPP (Association for Materials Protection and Performance)

15835 Park Ten Place, Houston, TX 77084 | rick.southard@ampp.org, www.ampp.org

National Adoption

BSR/AMPP NACE SP0115/ISO 15589-2-202x, Oil and Gas Industries including Lower Carbon Energy - Cathodic Protection of Pipeline Transportation Systems - Part 2: Offshore Pipelines (national adoption of ISO 15589-2:2024 with modifications and revision of ANSI/NACE SP0115/ISO 15589-2-2015)

This part of ISO 15589 specifies requirements and gives recommendations for the preinstallation surveys, design, materials, equipment, fabrication, installation, commissioning, operation, inspection and maintenance of cathodic protection (CP) systems for offshore pipelines for the petroleum, petrochemical and natural gas industries as defined in ISO 13623. This standard is applicable to carbon steel, stainless steel and flexible pipelines in offshore service, to retrofits, modifications and repairs made to existing pipeline systems, to all types of seawater and seabed environments encountered in submerged conditions, and to risers up to mean water level.

Single copy price: \$109.00

Obtain an electronic copy from: kelly.heitman@ampp.org

Send comments (copy psa@ansi.org) to: Kelly Heitman - kelly.heitman@ampp.org

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASABE S660-SEP2022 (R202x), Procedure for Evaluating the Distribution Uniformity of Large Granular Broadcast Applicators (reaffirmation of ANSI/ASABE S660-SEP2022)

This Standard pertains to centrifugal, pendulum, pneumatic and other types of broadcast spreaders designed for dry granular product application while operating on common crop production field surfaces. Portions of the test procedures outlined herein are suitable for evaluating spread uniformity and spread width; however, additional tests not covered in this Standard are needed to completely evaluate the performance of gravity spreaders.

Single copy price: Free

Obtain an electronic copy from: walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh <walsh@asabe.org>

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASABE/ISO 3767-2:2016 APR2017 (R202x), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery (reaffirmation of ANSI/ASABE/ISO 3767-2:2016 APR2017 (R2022))

This document standardizes symbols for use on operator controls and other displays on agricultural tractors and machinery.

Single copy price: Free

Obtain an electronic copy from: ingeson@asabe.org

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

Comment Deadline: November 16, 2026

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASAE EP411.5-2012 (R202x), Guidelines for Measuring and Reporting Environmental Parameters for Plant Experiments in Growth Chambers (reaffirmation of ANSI/ASAE EP411.5-2012 (R2021))

The purpose of this Engineering Practice is to set forth guidelines for the measurement of environmental parameters that characterize the aerial and root environment in a plant growth chamber.

Single copy price: Free

Obtain an electronic copy from: walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh <walsh@asabe.org>

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASAE S459-FEB93 (R202x), Shear and Three-Point Bending Test of Animal Bone (reaffirmation of ANSI/ASAE S459-FEB93 (R2021))

This Standard is designed for use in determining the mechanical properties of animal bones such as the ultimate shear strength, ultimate bending strength, apparent modulus of elasticity, and fracture energy.

Single copy price: Free

Obtain an electronic copy from: walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh <walsh@asabe.org>

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASAE S358.3 MAY2012 (R202x), Moisture Measurement - Forages (reaffirmation of ANSI/ASAE S358.3 MAY2012 (R2021))

This Standard establishes uniform methodology for estimating the moisture content of forage materials in various forms. Other techniques, such as Karl Fischer titration and toluene distillation, should be used for more accurate moisture determination.

Single copy price: Free

Obtain an electronic copy from: walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh <walsh@asabe.org>

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASAE S472 DEC1986 (R202x), Terminology for Forage Harvesters and Forage Harvesting (reaffirmation of ANSI/ASAE S472-MAR 88 (R2022))

The purpose of this Standard is to establish terminology and specifications pertinent to forage harvester design and performance.

Single copy price: Free

Obtain an electronic copy from: ingeson@asabe.org

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

Comment Deadline: November 16, 2026

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | walsh@asabe.org, <https://www.asabe.org/>

Reaffirmation

BSR/ASAE/NFBA EP486.3-2017 (R202x), Shallow Post and Pier Foundation Design (reaffirmation of ANSI/ASAE/NFBA EP486.3-2017 (R2021))

This engineering practice contains safety factors and other provisions for allowable stress design (ASD) which is also known as working stress design, and for load and resistance factor design (LRFD) which is also known as strength design. It also contains properties and procedures for modeling soil deformation for use in structural building frame analyses.

Single copy price: Free

Obtain an electronic copy from: walsh@asabe.org

Send comments (copy psa@ansi.org) to: Jean Walsh <walsh@asabe.org>

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.100-110-2021 (R202x), Document Imaging Compatibility (reaffirmation of ANSI X9.100-110-2021)

This standard specifies the location and background design of essential check data fields and is intended for all business size and personal size checks. Note that this standard equally applies to anything in between, in terms of document size, including all money orders, rebate checks, remotely created checks (commonly known as RCCs), WIC checks, etc. They may fall anywhere in between the referenced common sizes but must also conform to the limitations of the MICR printing as specified in ANSI X9.100-160-1, Magnetic Ink Printing (MICR).

Single copy price: \$60.00

Obtain an electronic copy from: ambria.calloway@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.100-181-2014 (R202x), TIFF Image Format for Image Exchange (reaffirmation of ANSI X9.100-181-2014 (R2021))

This standard, as well as other standards, defines TIFF 6.0 as an image format scheme that will support interoperability for check image exchange processing between financial institutions without the need of special agreement. Although TIFF is a defined specification, it is very flexible and is designed to accommodate a variety of uses. In addition, some TIFF field values can have different interpretations. Therefore, this flexibility can cause some TIFF readers, internal TIFF editors and image applications to experience problems when they encounter a condition which they are not designed to handle. Many TIFF readers in use in the financial industry do not support all interpretations of TIFF generated by the diverse range of check image capture devices and software platforms.

Single copy price: \$60.00

Obtain an electronic copy from: ambria.calloway@x9.org

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

Comment Deadline: November 16, 2026

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

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

Addenda

ASHRAE Addendum e to ANSI/ASHRAE Standard 140-2023, Method of Test for Evaluating Building Performance Simulation Software (addenda to ANSI/ASHRAE Standard 140-2023)

This addendum proposes a streamlining of the reporting requirements. The current S140outNotes.txt file has a very specific structure with instructions both in the file itself and in Annex A2 attachment A2.9. To make it easier for vendors to provide that information, the current Annex A2 attachment A2.9 has been written to support a less structured file that can be provided in any commonly used documentation format, including Markdown, text, or Microsoft Word.

Single copy price: Free

Obtain an electronic copy from: <http://www.ashrae.org/standards-research-technology/public-review-drafts>

Send comments (copy psa@ansi.org) to: <http://www.ashrae.org/standards-research-technology/public-review-drafts>

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

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

New Standard

BSR/ASHRAE Standard 198P-202x, Method of Test for Direct Expansion-Dedicated Outdoor Air System (DX-DOAS) Units (new standard)

This proposed standard is a Method of Test (MOT) standard for use in factory performance testing of dedicated outdoor system units that contain a vapor compression cycle refrigeration system.

Single copy price: Free

Obtain an electronic copy from: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

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

ASSP (American Society of Safety Professionals)

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

Revision

BSR/ASSP Z359.18-202x, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (revision and redesignation of ANSI/ASSE Z359.18-2017)

This standard establishes requirements for the performance, design, testing, marking, and instructions for use of anchorage connectors in travel restraint, fall arrest, rescue, work position, rope access, and suspended component/tie-back line systems only.

Single copy price: \$150.00

Obtain an electronic copy from: Anna Zewe <aroessingzewe@assp.org>

Send comments (copy psa@ansi.org) to: Anna Zewe <aroessingzewe@assp.org>

Comment Deadline: November 16, 2026

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK90158-202x, Practice for Training in the Areas of Video Analysis, Image Analysis, and Photography (new standard)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F1138-2021 (R202x), Specification for Spray Shields for Mechanical Joints (reaffirmation of ANSI/ASTM F1138-2021)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F1321-2021 (R202x), Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine the Light Ship Displacement and Centers of Gravity of a Vessel (reaffirmation of ANSI/ASTM F1321-2021)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM D6299-202x, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2026A)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

Comment Deadline: November 16, 2026

ASTM (ASTM International)

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

Revision

BSR/ASTM E18-202x, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2025)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM E1588-202x, Test Method for Primer Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (revision of ANSI/ASTM E1588-2025)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

ASTM (ASTM International)

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

Revision

BSR/ASTM F683-202x, Practice for Selection and Application of Thermal Insulation for Piping and Machinery (revision of ANSI/ASTM F683-2025)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C300-202x, Reinforced Concrete Pressure Pipe, Steel-Cylinder Type (revision, redesignation and consolidation of ANSI/AWWA C300-22 and ANSI/AWWA C300a-23)

This standard describes the manufacture of reinforced concrete cylinder pipe in sizes 30 in. to 144 in. (760 mm to 3,660 mm), inclusive. Larger sizes have been manufactured based on the concepts of this standard. This type of pipe is designed for the internal pressure, external loads, and bedding conditions designated by the purchaser. This standard does not include requirements for design, handling, delivery, laying, field testing, or disinfection of pipe.

Single copy price: Free

Obtain an electronic copy from: ETSupport@awwa.org

Send comments (copy psa@ansi.org) to: AWWA, Frank Kurtz (fkurtz@awwa.org)

Comment Deadline: November 16, 2026

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C302-202x, Reinforced Concrete Pressure Pipe, Noncylinder Type (revision, redesignation and consolidation of ANSI/AWWA C302-22 and ANSI/AWWA C302a-23)

This standard describes the manufacture of circumferentially reinforced concrete pressure pipe, without a steel cylinder and not prestressed, in sizes from 12–144 in. (300–3,660 mm) inclusive and for working pressures not exceeding 55 psi (380 kPa) and working plus surge pressures not exceeding a total pressure of 65 psi (450 kPa). This type of pipe is designed for the internal pressure, external loads, and bedding conditions designated by the purchaser. Pipe of diameters larger than 144 in. (3,660 mm) has been manufactured based on the concepts of this standard.

Single copy price: Free

Obtain an electronic copy from: ETSupport@awwa.org

Send comments (copy psa@ansi.org) to: AWWA, Frank Kurtz (fkurtz@awwa.org)

B11 (B11 Standards, Inc.)

33 Parkwood Ave, Asheville, NC 28805 | cfelinski@b11standards.org, <https://www.b11standards.org/>

Revision

BSR/B11.1-202x, Safety Requirements for Mechanical Power Press Systems (revision of ANSI B11.1-2009 (R2020))

The requirements of this standard apply only to those mechanically powered machines, commonly referred to as mechanical power presses, which transmit force mechanically to cut, form, or assemble metal or other materials by means of tools or dies attached to or operated by slides.

Single copy price: \$114.00

Obtain an electronic copy from: cfelinski@b11standards.org

Send comments (copy psa@ansi.org) to: David Felinski <dfelinski@b11standards.org>

CTA (Consumer Technology Association)

1919 Sout Eads Street, Arlington, VA 22202 | klee@cta.tech, www.cta.tech

Revision

BSR/CTA 2093-A-202x, Health Data: Reporting Format Best Practices (revision of ANSI/CTA 2093-2021)

The document defines the best practices for the reporting format for Timestamps, Sourcing: Recording Data with Attribution, Physical Location, Sensor Location, Battery Status, and Origin to be used for health data (to include fitness, and wellness data).

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Send comments (copy psa@ansi.org) to: standards@cta.tech

Comment Deadline: November 16, 2026

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 575-D-202x, Resistors, Thick Film Rectangular SMD on Ceramic (revision and redesignation of ANSI/EIA 575-C-2020)

This standard covers thick film general purpose rectangular leadless discrete fixed resistors with temperature coefficients of Plus or minus 350 PPM/degrees C (ranging from plus or minus 50 PPM/degrees C to plus or minus 350 PPM/degrees C) and greater and resistance tolerances of plus or minus 5% (ranging from plus or minus 0.5% to plus or minus 5%) and greater for use in surface mounting applications using soldering techniques.

Single copy price: \$82.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Edward Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 576-D-202x, Resistors, Thin Film Rectangular SMD on Ceramic (revision and redesignation of ANSI/EIA 576-C-2020)

This standard covers thin film precision rectangular leadless discrete fixed resistors with temperature coefficients of 50 PPM/C and tighter and resistance tolerances of 1%, 0.5%, 0.25%, 0.1% and 0.05% for use in surface mounting applications using soldering techniques.

Single copy price: \$84.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Edward Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 703-C-202x, General Resistor Stress Test Qualification Specification (revision and redesignation of ANSI/EIA 703-B-2020)

This specification defines the qualification program for resistors.

Single copy price: \$104.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: Edward Mikoski (emikoski@ecianow.org)

Comment Deadline: November 16, 2026

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

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

New Standard

BSR/ASSE/IAPMO Series 29000-202x, Professional Qualifications Standard for Pneumatic and Hydrostatic Pressure Tester of Piping Systems (new standard)

ASSE PQ 29000 will define essential knowledge requirements, covering standardized procedures, equipment usage, and safety protocols for pressure testing, leak detection, and system verification in both residential and commercial plumbing applications. This standard will set forth minimum competency levels to ensure the safety of personnel and the protection of property. Notably, it will focus specifically on field testing practices, providing a framework to verify that plumbing systems are properly and safely assessed prior to being placed into service.

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

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

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

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

Revision

BSR/ASSE/IAPMO Series 13000-202x, Service Plumber and Residential Mechanical Service Technician Professional Qualifications Standard (revision of ANSI/ASSE Series 13000-2015 (R2020))

This standard applies to an individual who services, maintains, and repairs plumbing systems or residential mechanical systems.

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

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

NEMA (National Electrical Manufacturers Association)

1812 N Moore Street, Suite 2200, Arlington, VA 22209 | Khaled.Masri@nema.org, www.nema.org

Reaffirmation

BSR ICEA S-118-746-2021 (R202x), Standard for Category 8 Cable (reaffirmation of ANSI ICEA S-118-746-2021)

This standard covers mechanical, electrical and flammability requirements for thermoplastic insulated and jacketed, copper conductor for use as horizontal cables or patch cordage. Depending upon the application and system requirements, this standard provides choices for materials and flammability ratings.

Single copy price: \$120.00

Obtain an electronic copy from: communication@nema.org

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

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 12-202x, Standard on Carbon Dioxide Extinguishing Systems (revision of ANSI/NFPA 12-2025)

This standard contains minimum requirements for carbon dioxide fire-extinguishing systems to help ensure that such equipment will function as intended throughout its life. It is intended for those who purchase, design, install, test, inspect, approve, list, operate, or maintain these systems.

Obtain an electronic copy from: www.nfpa.org/12next

Send comments (copy psa@ansi.org) to: www.nfpa.org/12next

Comment Deadline: November 16, 2026

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 12A-202x, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-2025)

This standard contains minimum requirements for total flooding Halon 1301 fire extinguishing systems. It includes only the essentials necessary to make the standard workable in the hands of those skilled in this field.

Only those skilled in this work are competent to design, install, maintain, decommission, and remove this equipment. It might be necessary for many of those charged with purchasing, inspecting, testing, approving, operating, and maintaining this equipment to consult with an experienced and competent fire protection engineer to effectively discharge their respective duties.

Obtain an electronic copy from: www.nfpa.org/12Anext

Send comments (copy psa@ansi.org) to: www.nfpa.org/12Anext

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 14-202x, Standard for the Installation of Standpipe and Hose Systems (revision of ANSI/NFPA 14-2024)

This standard covers the minimum requirements for the installation of standpipes and hose systems, but does not address requirements for periodic inspection, testing, and maintenance of these systems.

Obtain an electronic copy from: www.nfpa.org/14next

Send comments (copy psa@ansi.org) to: www.nfpa.org/14next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 37-202x, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines (revision of ANSI/NFPA 37-2024)

This standard establishes criteria for minimizing the hazards of fire during the installation and operation of stationary combustion engines and gas turbines by providing minimum fire safety requirements for the installation and operation of stationary combustion engines and gas turbines.

Obtain an electronic copy from: www.nfpa.org/37next

Send comments (copy psa@ansi.org) to: www.nfpa.org/37next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 45-202x, Standard on Fire Protection for Laboratories Using Chemicals (revision of ANSI/NFPA 45-2024)

This standard shall apply to laboratory buildings, laboratory units, and laboratory work areas whether located above or below grade in which chemicals, as defined in NFPA 704 with one or more of the following hazard ratings are handled or stored: health — 2, 3, or 4; flammability — 2, 3, or 4; or instability — 2, 3, or 4. This standard shall apply to all laboratories in health care facilities, educational laboratory units, and instructional laboratory units in which any quantity of chemicals, as defined in NFPA 704 with one or more of the following hazard ratings, is handled or stored: health — 2, 3, or 4; flammability — 2, 3, or 4; or instability — 2, 3, or 4.

Obtain an electronic copy from: www.nfpa.org/45next

Send comments (copy psa@ansi.org) to: www.nfpa.org/45next

Comment Deadline: November 16, 2026

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 68-202x, Standard on Explosion Protection by Deflagration Venting (revision of ANSI/NFPA 68-2023)

This standard applies to the design, location, installation, maintenance, and use of devices and systems that vent the combustion gases and pressures resulting from a deflagration within an enclosure so that structural and mechanical damage is minimized. The purpose of this standard is to provide the user with criteria for design, installation, and maintenance of deflagration vents and associated components.

Obtain an electronic copy from: www.nfpa.org/68next

Send comments (copy psa@ansi.org) to: www.nfpa.org/68next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 75-202x, Standard for the Fire Protection of Information Technology Equipment (revision of ANSI/NFPA 75-2024)

This standard establishes the minimum requirements for the protection of information technology equipment (ITE) and ITE areas from damage by fire or its associated effects — namely, smoke, corrosion, heat, and water.

Obtain an electronic copy from: www.nfpa.org/75next

Send comments (copy psa@ansi.org) to: www.nfpa.org/75next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 92-202x, Standard for Smoke Control Systems (revision of ANSI/NFPA 92-2024)

This standard shall apply to the design, installation, acceptance testing, operation, and ongoing periodic testing of smoke control systems.

Obtain an electronic copy from: www.nfpa.org/92next

Send comments (copy psa@ansi.org) to: www.nfpa.org/92next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 115-202x, Standard for Laser Fire Protection (revision of ANSI/NFPA 115-2020)

This document shall provide minimum fire protection requirements for the design, manufacture, installation, and use of lasers and associated equipment. Criteria for training for and responding to fire emergencies involving lasers shall be included.

Obtain an electronic copy from: www.nfpa.org/115next

Send comments (copy psa@ansi.org) to: www.nfpa.org/115next

Comment Deadline: November 16, 2026

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 120-202x, Standard for Fire Prevention and Control in Coal Mines (revision of ANSI/NFPA 120-2023)
This standard establishes minimum requirements for reducing loss of life and property from fire and explosion in underground bituminous coal mines, coal preparation plants designed to prepare coal for shipment, surface building and facilities associated with coal mining and preparation, and surface coal and lignite mines.

Obtain an electronic copy from: www.nfpa.org/120next

Send comments (copy psa@ansi.org) to: www.nfpa.org/120next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 122-202x, Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities (revision of ANSI/NFPA 122-2023)

This standard establishes minimum requirements for safeguarding life and property against fire and related hazards associated with underground mining, surface mining and metal mineral processing plants.

Obtain an electronic copy from: www.nfpa.org/122next

Send comments (copy psa@ansi.org) to: www.nfpa.org/122next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 204-202x, Standard for Smoke and Heat Venting (revision of ANSI/NFPA 204-2024)

This standard shall apply to the design of venting systems for the emergency venting of products of combustion from fires in buildings. The provisions of Chapters 4 through 10 shall apply to the design of venting systems for the emergency venting of products of combustion from fires in non-sprinklered, single-story buildings using both hand calculations and computer-based solution methods as provided in Chapter 9. Chapter 11 shall apply to venting in sprinklered buildings. This standard shall not specify under which conditions venting is to be provided or required.

Obtain an electronic copy from: www.nfpa.org/204next

Send comments (copy psa@ansi.org) to: www.nfpa.org/204next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 505-202x, Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations (revision of ANSI/NFPA 505-2024)

This standard shall apply to fork trucks, tractors, platform lift trucks, motorized hand trucks, and other specialized industrial trucks powered by electric motors or internal combustion engines. The standard does not, however, apply to compressed air-operated or nonflammable compressed gas-operated industrial trucks, farm vehicles, or automotive vehicles for highway use.

Obtain an electronic copy from: www.nfpa.org/505next

Send comments (copy psa@ansi.org) to: www.nfpa.org/505next

Comment Deadline: November 16, 2026

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

BSR/NFPA 2001-202x, Standard on Clean Agent Fire Extinguishing Systems (revision of ANSI/NFPA 2001-2025)

This standard establishes requirements for total flooding and local application clean agent fire extinguishing systems. It is intended for use by those who purchase, design, install, test, inspect, approve, operate, and maintain engineered or pre-engineered gaseous agent fire suppression systems so they will function as intended when needed.

Obtain an electronic copy from: www.nfpa.org/2001next

Send comments (copy psa@ansi.org) to: www.nfpa.org/2001next

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 219-2024-202x, Standard for Lined Fire Hose for Interior Standpipes (revision of ANSI/UL 219-2024)

This proposal covers revisions to the Scope.

Single copy price: Free

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

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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 508A.1-202x, Standard for Industrial Control Panels (revision of ANSI/UL 508A-2025)

The following changes in requirements are being proposed: (1) Table 19.2A Downgrading of Type 4X Indoor Use Only with Type 3R and Type 3RX; (2) Control Circuit Maximum Current; (3) Enclosure Derating for Type 4X Indoor Use Only Components; (4) Size of Overcurrent Protection in Front of Power Supplies; (5) Addition of Requirements for an Attachment Plug and Receptacle Used as a Disconnecting Means; (6) Remove Limitations for the Usage of Aluminum Bus Bars; (7) Alignment with NFPA 79: 2024 for Color of Cables; (8) Alignment with NFPA 79: 2024 for Enclosure Access; (9) Use of Transformer with Separate Windings for Control Circuits; (10) Size of the Equipment Grounding Conductor; (11) Motor Protection Circuit Breakers; (12) Sizing of Branch Circuit Protection for Motors; (13) Nameplate Marking Location; (14) Inverters in Compliance with UL 1741; (15) SPD Ratings - SCCR; (16) Instantaneous Trip Circuit Breaker Protection of Drive or SSMC or Starter; (17) Addition of Class CF; (18) Protection of Feeder Tap Conductors; (19) Terminal Blocks Permitted for Use in Feeder Circuits; (20) Clarification of Field Wiring Terminal Sizing Requirements for Part-winding Motors; (21) Alternate Standard for Voltage Detection Devices; (22) Power Circuit Breakers as Overcurrent Protection;

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

Comment Deadline: November 16, 2026

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 508A.2-202x, Standard for Industrial Control Panels (revision of ANSI/UL 508A-2025)

The following changes in requirements are being proposed: (23) Deletion of Emergency Stop Units from 45.1.1(f); (24) Fuseholder Accessories; (25) Ampacity of Conductors for Drives in Industrial Machinery; (26) Sizing of Field Wiring Terminals; (27) Ambient Temperature Rating for Industrial Control Panels, Evaluated for Ranges Other than 5°C to 40°C (41°F to 104°F); (28) Addition of Requirements for Drainage Openings; (29) Marking Requirements for Multiple Disconnects; (30) Enclosure Pollution Degree; (31) Addition of Requirements for QR Codes; (32) Visual Signal Appliances used in Industrial Control Panels; (33) Correction to Table 33.2 - Contact or Sizing for Wye-Delta Controller; (34) Ventilated Enclosures; (35) Removal of Reference to UL 486L; (36) Pipelines, Tubing or Devices for Handling Air, Gasses or Liquids; (37) Covering at Bottom Enclosure; (38) Correction to Clause References; (39) Addition of Battery Pack or Battery System; (40) Barriers Used with Ventilation Openings;

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ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 508A.3-202x, Standard for Industrial Control Panels (revision of ANSI/UL 508A-2025)

The following changes in requirements are being proposed: (41) Field Provided Disconnection Means; (42) Addition of Requirements for Information Technology Equipment and Audio/Video, Information and Communication Technology Equipment; (43) Addition of Refrigeration Controllers; (44) Usage of Aluminum or Copper-Clad Aluminum Conductors; (45) Feeder Tap Conductors Terminating One or More Branch-Circuit Protective Devices via a Bus Link; (46) Remove and Replace Reference to UL 218; (47) Removal of Appendix A.

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ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2238-202x, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2025)

1. Clause 40.1.6 – Incorrect Wording 2. Inclusive Language 3. UL 2238 Section 27 Jacket Retention Test Applicability Based on Cord Jacket Diameter

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

Comment Deadline: November 16, 2026

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2703-202x, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2026)

1) Marking Clarification in 25.1; 2) Fire Resistance Reference Correction in 11.1; 3) Removal of the Use of Class A 3-Tab Asphalt Shingle Type for Fire Testing in 15.1.2(c); and 4) Clarifications on Fire Test, Including Revisions to Table 15.1 and Paragraph 15.1.2

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

Comment Deadline: December 1, 2026

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

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

New Standard

BSR/ASHRAE Standard 244P/CSA R400-2026-202x, Development and Application of Product Category Rules for HVAC&R-Related Mechanical, Electrical, and Plumbing Products (new standard)

This Standard provides guidance for creating and/or updating life cycle assessment (LCA)-based product category rules (PCRs) and environmental product declarations (EPD) reporting requirements for heating, ventilating, air-conditioning, and refrigerating (HVAC&R)-related mechanical, electrical, and plumbing (MEP) products, supplementing existing ISO and related standards. This Standard was prepared by the ASHRAE SPC 244/CSA S2069 Joint Technical Committee on the Development and Application of Product Category Rules for HVAC&R-Related Mechanical, Electrical, and Plumbing Products, under the jurisdiction of the ASHRAE Standards Committee and the CSA Strategic Steering Committee on Organizational Management & Sustainability. This Standard has been formally approved by the ASHRAE/CSA Joint Technical Committee.

Single copy price: Free

Order from: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

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

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 2452-202x, Standard for Safety for Electric Swimming Pool and Spa Cover Operators (new standard)

These requirements cover electric swimming pool and spa cover operators intended for installation and use in accordance with Article 680 of the National Electrical Code, NFPA 70. These requirements are intended to address, but not be limited to, electric fire, shock and casualty hazards. The requirements are not intended to address the ability of the cover to function as a barrier to unauthorized access to a swimming pool or spa to help prevent drowning.

Single copy price: Free

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

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

ANSI/AAMI PC76-2021/A1-2026, Active implantable medical devices-Requirements and test protocols for safety of patients with pacemakers and ICDs exposed to magnetic resonance imaging (addenda to ANSI/AAMI PC76-2021) Final Action Date: 9/23/2026 | *Addenda*

ANS (American Nuclear Society)

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

ANSI/ANS 2.21-2022 (R2026), Criteria for Assessing Atmospheric Effects on the Ultimate Heat Sink (reaffirmation of ANSI/ANS 2.21-2022) Final Action Date: 9/21/2026 | *Reaffirmation*

API (American Petroleum Institute)

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

ANSI/API MPMS Chapter 2.2D/ISO 7507-4-2026, Tank Calibration by Internal Electro-Optical Distance-Ranging Method (national adoption with modifications of ISO 7507-4:2010) Final Action Date: 9/21/2026 | *National Adoption*

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

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

ANSI/ASHRAE/ICC/IES/USGBC Addendum aa to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 9/22/2026 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum ae to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 9/22/2026 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum af to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 9/22/2026 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum I to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 9/22/2026 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum m to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 9/22/2026 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum p to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 9/22/2026 | *Addenda*

ASSP (American Society of Safety Professionals)

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

ANSI/ASSP A10.6-2026, Safety and Health Program Requirements for Demolition Operations (revision and redesignation of ANSI/ASSE A10.6-2006 (R2016)) Final Action Date: 9/23/2026 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE C37.20.1-2026, Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear (revision of ANSI/IEEE C37.20.1-2015) Final Action Date: 9/28/2026 | *Revision*

NEMA (ASC C29) (National Electrical Manufacturers Association)

1812 N. Moore Street, Rosslyn, Virginia 22209 | Connor.Grubbs@nema.org, www.nema.org

ANSI C29.2B-2026, Standard for Insulators - Wet Process Porcelain and Toughened Glass - Transmission Suspension Type (revision of ANSI C29.2B-2013 (R2023)) Final Action Date: 9/24/2026 | *Revision*

NEMA (National Electrical Manufacturers Association)

1812 N Moore Street, Suite 2200, Arlington, VA 22209 | Daniel.Abbate@nema.org, www.nema.org

ANSI/NEMA EN 10250-2026, Enclosures for Electrical Equipment (1000 Volts Maximum) (revision of ANSI/NEMA 10250-2024) Final Action Date: 9/24/2026 | *Revision*

NENA (National Emergency Number Association)

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

ANSI/NENA STA-041.1.1-2026, NENA Telecommunicator Cardiopulmonary Resuscitation (T-CPR) Standard (revision and redesignation of ANSI/NENA STA-041.1-2022) Final Action Date: 9/28/2026 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

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

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

ANSI Accredited Standards Developer

INCITS Executive Board – ANSI Accredited SDO and U.S. 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 U.S. 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 learn more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/executive-board> 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 categories:

- Producer – Hardware or Semiconductor
- Producer – Software or Services
- Producer - Telecom or Electronics
- Distributor
- Service Provider
- User/Consumer
- Consultants
- Government
- Standards Development Organizations and Consortia
- Academic Institution
- General Interest

ANSI Accredited Standards Developer

NWRA (ASC Z245) - National Waste & Recycling Association Equipment Technology & Operations for Wastes & Recyclable Materials

NWRA is actively seeking participation in the following standards development work and in all interest categories, which includes:

ANS Z245 Equipment Technology and Operations for Wastes and Recyclable Materials, The approved scope of the ANS Z245 Committee's standards activities encompasses requirements for the design, manufacture, installation, modification, servicing, maintenance and use of equipment and systems used to collect, contain, transport, store, process, recycle, treat and dispose of solid wastes and recyclable materials. It also includes the operations of facilities and activities in which these equipment and technologies are incorporated:

Interest Category: manufacturer, user, general interest, distributor or dealer, and regulatory agency. To apply or obtain additional information please contact Kirk Sander at ksander@wasterecycling.org. For more information, see <https://wasterecycling.org/ans-z245-standards/>

AMPP (Association for Materials Protection and Performance)

15835 Park Ten Place, Houston, TX 77084 | rick.southard@ampp.org, www.ampp.org

BSR/AMPP NACE SP0115/ISO 15589-2-202x, Oil and Gas Industries including Lower Carbon Energy - Cathodic Protection of Pipeline Transportation Systems - Part 2: Offshore Pipelines (national adoption of ISO 15589-2:2024 with modifications and revision of ANSI/NACE SP0115/ISO 15589-2-2015)

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, <https://www.asabe.org/>

BSR/ASABE/ISO 3767-2:2016 APR2017 (R202x), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery (reaffirmation of ANSI/ASABE/ISO 3767-2:2016 APR2017 (R2022))

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, St. Joseph, MI 49085 | ingeson@asabe.org, <https://www.asabe.org/>

BSR/ASAE S472 DEC1986 (R202x), Terminology for Forage Harvesters and Forage Harvesting (reaffirmation of ANSI/ASAE S472-MAR 88 (R2022))

ASSP (American Society of Safety Professionals)

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

BSR/ASSP A10.16-202x, Safety Requirements for Tunnels, Shafts and Caissons (revision and redesignation of ANSI/ASSP A10.16-2026)

ASSP (American Society of Safety Professionals)

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

BSR/ASSP A10.43-202x, Confined Spaces in Construction and Demolition Operations (revision and redesignation of ANSI/ASSP A10.43-2026)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0600315-202x, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI/ATIS 0600315-2022)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 575-D-202x, Resistors, Thick Film Rectangular SMD on Ceramic (revision and redesignation of ANSI/EIA 575-C-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 576-D-202x, Resistors, Thin Film Rectangular SMD on Ceramic (revision and redesignation of ANSI/EIA 576-C-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 703-C-202x, General Resistor Stress Test Qualification Specification (revision and redesignation of ANSI/EIA 703-B-2020)

ISA (International Society of Automation)

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

BSR/ISA 18.2-202x, Management of Alarm Systems for the Process Industries (identical national adoption of IEC 62682:2025)

ISA (International Society of Automation)

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

BSR/ISA RP67.04.02-202x, Methodologies for the Determination of Setpoints for Nuclear Safety-Related Instrumentation (new standard)

NSF (NSF International)

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

BSR/NSF 49-202x (i213r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2024)

ULSE (UL Standards and Engagement)

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

BSR/UL 2452-202x, Standard for Safety for Electric Swimming Pool and Spa Cover Operators (new standard)

Interest Categories: UL Standards & Engagement is looking for participants in the following interest categories:

Authorities Having Jurisdiction, Commercial/Industrial Users, Consumer, General Interest, Government, Supply Chain, and Testing and Standards Organizations.

American National Standards (ANS) Announcements

Corrections

AWWA - American Water Works Association

BSR/AWWA G560-202x

Correction to the September 25, 2026 Call for Comment Notice

Please note that the Call for Comment notice published on September 25, 2026 contained an error. BSR/AWWA C560 was listed in error.

The public review notice should have read:

BSR/AWWA G560-202x, Stormwater Management for Water Utilities

(revision of ANSI/AWWA G560-2022)

Please direct any inquiries to: Frank Kurtz <FKurtz@awwa.org>

American National Standards (ANS) Process

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

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

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

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

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IAPMO (International Association of Plumbing & Mechanical Officials)

ICC (International Code Council)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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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.

COMMENTS

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

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

ACCESSING ISO AND IEC DRAFTS

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

ISO Standards

Dentistry (TC 106)

ISO 21850-1:2020/DAMd 1, - Amendment 1: Dentistry - Materials for dental instruments - Part 1: Stainless steel - Amendment 1 - 12/13/2026, \$29.00

Foundry machinery (TC 306)

ISO/DIS 23472-1, Foundry machinery - Vocabulary - Part 1: General - 12/14/2026, \$82.00

Health Informatics (TC 215)

ISO/DIS 13606-3, Health informatics - Electronic health record communication - Part 3: Reference archetypes and term lists - 12/12/2026, \$155.00

Jewellery (TC 174)

ISO/DIS 25392-1, Jewellery and precious metals - Test methods - Part 1: Resistance to the exposure to damp heat - 12/17/2026, \$71.00

Light metals and their alloys (TC 79)

ISO/DIS 25048, Titanium and titanium alloys - Welded pipes - Technical delivery conditions - 12/17/2026, \$62.00

Road vehicles (TC 22)

ISO/DIS 6469-4, Electrically propelled road vehicles - Safety specifications - Part 4: Post crash electrical safety - 12/13/2026, \$98.00

ISO/DIS 24968-1, Road vehicles - Fuse-links - Part 1: Fuse-links with a rated voltage up to 1000 V AC / 1500 V DC - 12/13/2026, \$88.00

Ships and marine technology (TC 8)

ISO/DIS 24387, Ships and marine technology - Mechanical property test of PUF (polyurethane foam) for LNG tank onboard ships - 12/14/2026, \$58.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 12620-1, Management of terminology resources - Data categories - Part 1: Specifications - 12/21/2026, \$71.00

ISO/DIS 12620-2, Management of terminology resources - Data categories - Part 2: Repositories - 12/21/2026, \$46.00

Textiles (TC 38)

ISO/DIS 26958, Textiles - Specifications, evaluation methodologies and requirements for labelling methods of bio based man-made fibres - 12/11/2026, \$58.00

ISO/DIS 16373-4, Textiles - Dyestuffs - Part 4: Method for determination of certain dyestuffs in methanol extracts - 12/14/2026, \$93.00

Water quality (TC 147)

ISO/DIS 20595, Water quality - Determination of selected highly volatile organic compounds in water - Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS) - 12/11/2026, \$102.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-6:2020/DAMd 2, - Amendment 2: Information technology - Open systems interconnection - Part 6: The Directory: Selected attribute types - Amendment 2 - 12/14/2026, \$29.00

ISO/IEC DIS 27088, Information technology - Lightweight M2M (LwM2M) specification suite - 12/17/2026, \$40.00

ISO/IEC DIS 27097, Information technology - Verifiable Credentials Data Model v2.0 (VCDM 2) - 12/17/2026, \$175.00

IEC Standards

Alarm systems (TC 79)

79/750/CDV, IEC 62676-5 ED2: Video surveillance systems for use in security applications - Part 5: Data specifications and image quality performance for camera devices, 12/18/2026

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

100/4585/DTR, IEC TR 63239 ED2: Radio frequency beam wireless power transfer (WPT) for mobile devices, 10/23/2026

Automatic controls for household use (TC 72)

72/1551/FDIS, IEC 60730-1/AMD1 ED6: Automatic electrical controls - Part 1: General requirements, 11/06/2026

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

46C/1340/DTR, IEC TR 61156-1-6 ED2: Multicore and symmetrical pair/quad cables for digital communications - Part 1-6: Nominal DC-resistance values of floor-wiring and work-area cables for digital communications, 11/20/2026

Documentation and graphical symbols (TC 3)

3D/525/VD, IEC 61360-C00206 ED3: Replace the Class ABH515 "Certificate and Approval" by CAA047 "Certificate, approval or declaration" in IEC 61987 dictionary, 11/06/2026

Electric cables (TC 20)

20/2301/CDV, IEC 60287-3-3 ED2: Electric cables - Calculation of the current rating - Part 3-3: Sections on operating conditions - Cables crossing external heat sources, 11/20/2026

Electric traction equipment (TC 9)

9/3388/FDIS, IEC 63593 ED1: Railway applications - Rolling stock - Specification and verification of energy consumption, 11/06/2026

Electrical accessories (TC 23)

23E/1442/FDIS, IEC 62955 ED2: Residual direct current detecting device (RDC-DD) to be used for mode 3 charging of electric vehicles, 11/06/2026

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

111/912/CD, IEC TR 63773 ED1: Determination of certain substances in electrotechnical products - Overview on presence of Per- and polyfluoroalkyl substances (PFAS) in E&E equipment and related test methods (Proposed Horizontal Publication), 11/20/2026

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

112/738/CDV, IEC 63600 ED1: Evaluation of hydrophobicity retention of polymeric insulating materials under high voltage stress with the dynamic drop test, 12/18/2026

Fibre optics (TC 86)

86B/5278(F)/FDIS, IEC 61300-2-9/AMD1 ED3: Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-9: Tests - Shock, 10/09/2026

Flat Panel Display Devices (TC 110)

110/1883/CDV, IEC 63145-20-10 ED2: Eyewear display - Part 20 -10: Fundamental measurement methods - Optical properties, 11/20/2026

110/1880/CDV, IEC 63145-30 ED1: Eyewear display - Part 30: Durability test methods, 12/18/2026

Industrial-process measurement and control (TC 65)

65C/1474/CD, IEC 61158-2-0 ED1: Industrial networks - Fieldbus specifications - Part 2-0: Physical layer specification and service definition - General concepts and terminology, 12/04/2026

65C/1475/CD, IEC 61158-2-100 ED1: Industrial networks - Fieldbus specifications - Part 2-100: Physical layer specification and service definition - Type 100 elements, 12/04/2026

65C/1476/CD, IEC 61158-3-29 ED1: Industrial networks - Fieldbus specifications - Part 3-29: Data-link layer service definition - Type 29 elements, 12/04/2026

65C/1477/CD, IEC 61158-4-29 ED1: Industrial networks - Fieldbus specifications - Part 4-29: Data-link layer protocol specification - Type 29 elements, 12/04/2026

65C/1478/CD, IEC 61158-4-31 ED1: Industrial networks - Fieldbus specifications - Part 4-31: Data-link layer protocol specification - Type 31 elements, 12/04/2026

65C/1479/CD, IEC 61158-5-29 ED1: Industrial networks - Fieldbus specifications - Part 5-29: Application layer service definition - Type 29 elements, 12/04/2026

65C/1480/CD, IEC 61158-6-29 ED1: Industrial networks - Fieldbus specifications - Part 6-29: Application layer protocol specification - Type 29 elements, 12/04/2026

65C/1481/CD, IEC 61784-1-22 ED2: Industrial networks - Profiles - Part 1-22: Fieldbus profiles - Communication Profile Family 22, 12/04/2026

65C/1482/CD, IEC 61784-2-23 ED1: Industrial networks - Profiles - Part 2-23: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 23, 12/04/2026

65C/1472/CDV, IEC 62439-1 ED2: Industrial networks - High availability automation networks - Part 1: General concepts and calculation methods, 12/18/2026

Lamps and related equipment (TC 34)

34/1531/CD, IEC 63117 ED1: Lighting systems - General requirements - Safety, 12/18/2026

34/1526/FDIS, IEC 63544 ED1: Horticultural lighting - Luminaires incorporating LED light sources for horticultural lighting - Performance, 11/06/2026

Measuring equipment for electromagnetic quantities (TC 85)

85/1016/CD, IEC 61557-12-1 ED1: Equipment for testing, measuring or monitoring of protective measures, electrical or safety-related parameters in power distribution systems - Part 12-1: Power metering and monitoring devices for DC systems (PMD-DC), 01/15/2027

85/1014/FDIS, IEC 61557-18 ED1: Equipment for testing, measuring or monitoring of protective measures, electrical or safety-related parameters in power distribution systems - part 18: DC EV supply equipment insulation monitoring device, 11/06/2026

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

113/1004/DTS, IEC TS 62607-11-2 ED1: Nanomanufacturing - Key control characteristics - Part 11-2: Electromagnetic compatibility - Shielding effectiveness of single-wall carbon nanotube film: far-field measurement, 11/20/2026

Performance of household electrical appliances (TC 59)

59F/581/CDV, IEC/ASTM 62885-12 ED1: Surface cleaning appliances - Part 12: Material efficiency aspects for appliances for household or similar use - Methods for the determination of recycled content, 12/18/2026

59F/594/NP, PNW 59F-594 ED1: Surface cleaning appliances - Part 17: Window cleaning robots for household or similar use - Methods for measuring the performance, 11/20/2026

Power system control and associated communications (TC 57)

57/2964/CDV, IEC 61968-11 ED3: Enterprise business function interfaces for utility operations - Part 11: Common information model (CIM) extensions for operation support, 12/18/2026

Power transformers (TC 14)

14/1219/CDV, IEC 60076-1 ED4: Power transformers - Part 1: General, 12/18/2026

14/1220/CDV, IEC 60076-2 ED4: Power transformers - Part 2: Temperature rise for liquid-immersed transformers, 12/18/2026

Safety of household and similar electrical appliances (TC 61)

61D/576/CD, IEC 60335-2-126 ED1: Household and similar electrical appliances - Safety - Part 2-126: Particular requirements for parking air-conditioner, 11/20/2026

Secondary cells and batteries (TC 21)

21/1311/CDV, IEC 62660-1 ED3: Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 1: Performance testing, 12/18/2026

21/1312/CDV, IEC 62660-2 ED3: Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing, 12/18/2026

21/1322/NP, PNW 21-1322 ED1: Battery data and semantic interoperability, 11/20/2026

Semiconductor devices (TC 47)

47/3045/FDIS, IEC 63567-1 ED1: Semiconductor devices - Performance evaluation of semiconductor processing components and inspection equipment - Part 1: Transmittance evaluation method of EUV pellicle, 11/06/2026

47/3048/NP, PNW 47-3048 ED1: Semiconductor devices - Performance evaluation of semiconductor processing components and inspection equipment - Part 2: Nano-scale wafer surface inspection method using white light interferometry, 12/18/2026

47E/909/NP, PNW 47E-909 ED1: Semiconductor devices - Test method of pH sensors for metabolic status assessment of cultured cells, 12/18/2026

Solar photovoltaic energy systems (TC 82)

82/2688(F)/FDIS, IEC 62109-2 ED2: Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters, 10/09/2026

Surge arresters (TC 37)

37A/463/DTS, IEC TS 61643-05 ED1: Low-voltage surge protective devices - Requirements and test methods of SPD monitoring device (SMD), 11/20/2026

37A/466/DTS, IEC TS 61643-06 ED1: Low-voltage surge protective devices - Part 06: Requirements and test methods for SPD specific disconnectors, 11/20/2026

(TC)

CIS/F/936(F)/FDIS, CISPR 14-2/AMD1 ED3: Amendment 1 - Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard, 10/16/2026

Wearable electronic devices and technologies (TC 124)

124/405/NP, PNW 124-405 ED1: Wearable electronic devices and technologies - Part 201-5: Electronic textile - Cut-out measurement method of sheet resistance of conductive fabric by planer electrode and straight-line electrode, 12/18/2026

Wind turbine generator systems (TC 88)

88/1209/CD, IEC TS 61400-12-80 ED1: Wind energy generation systems - Part 12-80: Power performance measurements of electricity producing Airborne Wind Energy Systems (AWES), 11/20/2026



Newly Published ISO & IEC Standards

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

ISO Standards

Analysis of gases (TC 158)

[ISO 6145-7:2018/Amd 1:2026](#), - Amendment 1: Gas analysis - Preparation of calibration gas mixtures using dynamic methods - Part 7: Thermal mass-flow controllers - Amendment 1: Correction of Formula C.4, \$26.00

Banking and related financial services (TC 68)

[ISO 13133:2026](#), Financial services - Security reference model for digital currency hardware wallet (SRM-DCHW), \$227.00

Cryogenic vessels (TC 220)

[ISO 21028-1:2026](#), Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 1: Temperatures below □80 °C, \$96.00

Fine ceramics (TC 206)

[ISO 14705:2026](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for hardness of monolithic ceramics at room temperature, \$193.00

Graphical symbols (TC 145)

[ISO 20712-3:2024/Amd 1:2026](#), - Amendment 1: Water safety signs and beach safety flags - Part 3: Guidance for use - Amendment 1: UV index-based warning and information system, \$26.00

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

[ISO 24817:2026](#), Oil and gas industries including lower carbon energy - Composite repairs for piping - Qualification and design, installation, testing and integrity management, \$324.00

Metallic and other inorganic coatings (TC 107)

[ISO 25245:2026](#), Peel strength of metallic coatings on plastics - Designation and test method under controlled temperatures, \$193.00

Microbeam analysis (TC 202)

[ISO 23699:2026](#), Microbeam analysis - Electron backscatter diffraction - Vocabulary, \$96.00

Railway applications (TC 269)

[ISO 24221:2024/Amd 1:2026](#), - Amendment 1: Railway applications - Brake system - General requirements - Amendment 1, \$26.00

Road vehicles (TC 22)

[ISO 19453-6:2026](#), Road vehicles - Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles - Part 6: Traction battery packs and systems, \$258.00

(TC 343)

[ISO/UNDP 53001:2026](#), Management systems for United Nations Sustainable Development Goals (SDGs) - Requirements, \$258.00

Tourism and related services (TC 228)

[ISO 20525:2026](#), Tourism and related services - Semantics applied to tourism destinations, \$291.00

Traditional Chinese medicine (TC 249)

[ISO 20255:2026](#), Traditional Chinese medicine - Epimedium brevicornum, Epimedium sagittatum, Epimedium pubescens, and Epimedium koreanum herb, \$193.00

[ISO 21366:2026](#), Traditional Chinese medicine - General requirements for smokeless moxibustion devices, \$143.00

Welding and allied processes (TC 44)

[ISO 8207:2026](#), Gas welding equipment - Specification for hose assemblies for equipment for welding, cutting and allied processes, \$96.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 23002-7:2026](#), Information technology - MPEG video technologies - Part 7: Versatile supplemental enhancement information messages for coded video bitstreams, \$324.00

[ISO/IEC 23008-2:2026](#), Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding, \$324.00

[ISO/IEC 23090-3:2026](#), Information technology - Coded representation of immersive media - Part 3: Versatile video coding, \$324.00

IEC Standards

Fibre optics (TC 86)

[IEC 61300-2-50 Ed. 2.0 en:2026](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-50: Tests - Fibre optic connector proof test with static load, \$57.00

[IEC 61300-2-50 Ed. 2.0 b:2026](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-50: Tests - Fibre optic connector proof test with static load, \$57.00

[IEC 60794-1-127 Ed. 1.0 b:2026](#), Optical fibre cables - Part 1 -127: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Indoor simulated installation test, method E27, \$57.00

[IEC 60794-1-127 Ed. 1.0 en:2026](#), Optical fibre cables - Part 1 -127: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Indoor simulated installation test, method E27, \$57.00

Industrial electroheating equipment (TC 27)

[IEC/IEEE 62395-2 Ed. 1.0 b:2024](#), Electrical resistance trace heating systems for industrial and commercial applications - Part 2: Application guide for system design, installation and maintenance, \$542.00

Performance of household electrical appliances (TC 59)

[IEC 63086-2-2 Ed. 1.0 b:2026](#), Household and similar electrical air cleaning appliances - Method for measuring the performance - Part 2-2: Particular requirements for determination of gas-phase pollutant reduction, \$371.00

[IEC 63086-2-2 Ed. 1.0 en:2026](#), Household and similar electrical air cleaning appliances - Method for measuring the performance - Part 2-2: Particular requirements for determination of gas-phase pollutant reduction, \$371.00

Secondary cells and batteries (TC 21)

[IEC 60622 Ed. 4.0 en:2026](#), Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-cadmium prismatic rechargeable cells and batteries for use in industrial applications., \$478.00

[IEC 60622 Ed. 4.0 b:2026](#), Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-cadmium prismatic rechargeable cells and batteries for use in industrial applications., \$478.00

Solar thermal electric plants (TC 117)

[IEC 62862-3-5 Ed. 1.0 en:2026](#), Solar thermal electric plants - Part 3-5: Laboratory reflectance measurement of solar reflectors, \$164.00

IEC Technical Reports**Printed Electronics (TC 119)**

[IEC/TR 62899-304-2 Ed. 1.0 en:2026](#), Printed electronics - Part 304-2: Equipment - Sintering - Temperature measurement method for thermal treatment system, \$57.00

International Electrotechnical Commission (IEC)

Call for Members (USNC)

USNC TAG Administrator and Members Needed – IEC SC 65F *Smart manufacturing and enterprise applications*

The USNC is now looking for a TAG administrator and members to join the newly established IEC SC 65F. **If individuals are interested in joining as members or serving as USNC TAG Administrator for the USNC TAG to IEC SC 65F, they are invited to contact Betty Barro at bbarro@ansi.org by October 29th, 2026.**

Please see the scope for IEC SC 65F below:

Scope: SC 65F *Smart manufacturing and enterprise applications*

To prepare international standards for enterprise applications, smart manufacturing, system documentation and human interface.

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 359 – Civil and structural design of tunnels

A new ISO Technical Committee, **ISO/TC 359 – Civil and structural design of tunnels** has been formed. The Secretariat has been assigned to Australia (SA).

TC 359 operates under the following scope: *This committee standardizes the civil and structural design of tunnels and associated underground structures in soil and rock where they are integral to tunnel infrastructure. It covers tunnel-specific design interfaces including geotechnical design inputs, groundwater design actions and responses, ground reinforcement, structural linings, durability, ground-structure interaction, and the assessment and retrofitting of existing tunnels. Special cases such as immersed tunnels, cross passages forming part of tunnel systems, and underground stations may be considered only where the work concerns tunnel-specific civil and structural design and does not duplicate the remit of existing ISO or IEC committees. The committee is intended to provide a coherent framework for tunnel infrastructure performance, safety, durability, resilience and functionality, while recognising applicable existing standards for materials, systems, operations and environmental matters.*

Excluded:

- *groundwater monitoring methods, hydrogeological investigation methods, groundwater data acquisition and interpretation (ISO/TC 113/SC 8);*
- *air quality criteria, pollutant assessment, air velocity sensors, ventilation system design, fan dimensioning and ventilation equipment (including ISO/TC 146/SC 3 and ISO/TC 117);*
- *fire safety systems, life safety systems, emergency communication systems and railway-specific safety requirements or installations, including aerodynamics, overhead-line equipment, alarm systems and emergency systems (including relevant ISO/IEC committees and ISO/TC 269/SC 1 where applicable);*
- *road traffic safety management, traffic operations and traffic-control systems (including ISO/TC 241 where applicable);*
- *tunnel lighting and light sources (including ISO/TC 274 and relevant CEN work);*
- *product, material and execution standards for concrete, sprayed concrete, injection products, geosynthetics, waterproofing and drainage products (including ISO/TC 71 and ISO/TC 221);*
- *building and civil engineering information management/BIM, digital-twin information management and sustainability assessment methods as general cross-cutting subjects (including ISO/TC 59/SC 13 and ISO/TC 59/SC 17);*
- *environmental management and environmental impact assessments (including ISO/TC 71/SC 8 and relevant existing committees);*
- *hydraulic tunnels; above-ground structures;*
- *standalone underground utilities;*
- *building architecture and finishes;*
- *electrical and communication systems;*
- *mining excavations;*
- *machinery and equipment design;*
- *and non-transport underground works.*

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

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically.

Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

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

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

Atna-Cipher

Public Review: September 4, 2026 to December 4, 2026

Proposed Foreign Government Regulations

Call for Comment

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

Online Resources:

WTO's ePing SPS&TBT platform: <https://epingalert.org/>

Register for ePing: <https://epingalert.org/en/Account/Registration>

WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:

https://www.wto.org/english/tratop_e/sps_e/sps_e.htm

WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm

USA TBT Enquiry Point: <https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point>

Comment guidance:

<https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee>

NIST: <https://www.nist.gov/>

TANC: <https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc>

Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp

Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp

USDA FAS: <https://www.fas.usda.gov/about-fas>

FAS contribution to free trade agreements: <https://www.fas.usda.gov/topics/trade-policy/trade-agreements>

Tracking regulatory changes: <https://www.fas.usda.gov/tracking-regulatory-changes-wto-members>

USTR WAMA: <https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade>

Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

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

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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Normative Annex 1

Performance tests

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N-1.2 HEPA/ULPA filter leak test

N-1.2.1 Purpose

This test determines the integrity of downflow and exhaust HEPA/ULPA filters, filter housings, and filter mounting frames. The cabinet shall be operated at the manufacturer's recommended nominal set points ± 2 ft/min (0.01 m/s) with the exception of the downflow HEPA/ULPA filters on B1 cabinets.

N-1.2.2 Apparatus

N-1.2.2.1 An aerosol photometer with linear or expanded logarithmic scale shall be used. The instrument shall be capable of indicating 100% upstream concentration with an aerosol of 10 $\mu\text{g/L}$ of polydisperse dioctylphthalate (DOP) particles, or an equivalent fluid, which provides the same particle size distribution (e.g., polyalpha olefin [PAO], di[2-ethylhexyl], sebecate, polyethylene glycol, and medicinal-grade light mineral oil)³ produced by the generator described in Section [N-1.2.2.2](#). It shall also be capable of detecting an aerosol of $1 \times 10^{-3}\%$ of the same particles. The sampling rate of air shall be at least 1 ft³/min (28 m³/min) $\pm 10\%$. The probe area shall have a maximum open area of 1.7 in² (1100 mm²) and a minimum dimension of 0.5 in (13 mm). The photometer shall be calibrated in accordance with the photometer manufacturer's instructions or with IEST-RP-CC013^{Error! Bookmark not defined.} if instructions are not provided.

N-1.2.2.2 An aerosol generator of the Laskin nozzle-type conforming to Figure [11](#) or equivalent shall be used to create an aerosol by flowing air through liquid DOP or an equivalent substitute. When a Laskin nozzle generator is used, the compressed air supplied to the generator should be adjusted to a minimum of 20 psi (140 kPa), if using DOP or 23 psi (160 kPa) if using PAO, measured at the generator manufacturer's recommended location. The nozzles shall be covered with liquid to a depth not to exceed 1.25 in (31 mm).

³ Hinds, W., Macher, J., First M. W. *Size Distributions of Aerosols Produced from Substitute Materials by the Laskin Cold DOP Aerosol Generator*. 16th Dept. of Energy Nuclear Air Cleaning Conference; and Yan, X., First, M. W., Rud-nicks, S. N. *Characteristics of Laskin Nozzle Generated Aerosols*. Proc. 21st Nuclear Air Cleaning Conference. M. W. First, Ed., N. T. I. S., Springfield, VA, Feb. 1991. p. 116.

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N-1.2.2.3 A pressure gauge for the generator having a maximum range of 0 to 80 psi (0 to 550 kPa) with a resolution and accuracy of 1 psi (7 kPa) calibrated by the manufacturer or in accordance with the manufacturer's instructions shall be used.

N-1.2.3 Method

N-1.2.3.1 Filters that can be scanned

a) Turn on the cabinet blower and lights (Types A1, A2 and B2 – downflow filter test). Remove filter diffusers and protective covers if they are present. Place the generator so the aerosol is introduced into the cabinet, as specified by the manufacturer, to provide uniform distribution upstream of the HEPA/ULPA filter. When the manufacturer has not identified the aerosol introduction point(s), introduce the aerosol in such a manner as to ensure thorough mixing in the cabinet airflow. For example, a T-connection can be fitted to the aerosol generator output to enable distribution of challenge into both entrances of a single blower, or entrances of multiple blowers. The manufacturer shall determine the aerosol introduction point that provides the most uniform distribution (reference IEST-RP-CC034).⁴ The location of the aerosol introduction point shall be clearly described or indicated in a manner readily available to the certifier. The location should be described either on the cabinet data plate or with the electrical schematic if the schematic is affixed to the cabinet.

b) Turn on the photometer and adjust in accordance with the manufacturer's instructions.

c) Sample the aerosol concentration upstream of the HEPA/ULPA filter and verify that the concentration gives a light scattering intensity at least equal to that produced by 10 µg/L of DOP:

— for linear readout photometers (graduated 0 to 100), adjust the instrument to read 100 on the 100% scale; or

— for logarithmic readout photometers, adjust the upstream concentration to 1×10^4 above the concentration needed to produce one scale division (use the instrument calibration curve).

— when the challenged airflow is contaminated or when means to measure the upstream concentration is not provided, the upstream concentration can be calculated. For example, when DOP is used as the challenge aerosol with a Laskin nozzle aerosol generator at 20 psi (140 kPa), the following formula applies:

$\mu\text{g/L} = 13,500 \times \text{number of nozzles} / \text{ft}^3/\text{min of challenged air}; \text{ or}$

$\mu\text{g/L} = 6,370 \times \text{number of nozzles} / \text{L/s of challenged air}; \text{ or}$

$\mu\text{g/L} = 22,900 \times \text{number of nozzles} / \text{m}^3/\text{h of challenged air}$

— The decimal results of this equation shall be truncated for final use.

NOTE: as an example, a calculated upstream of 27.99 would be used and reported as 27 µg/L

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⁴ HEPA/ULPA and ULPA Filter Leak Tests, Institute of Environmental Sciences and Technology. 1827 Walden Office Square, Schaumburg, IL 60173. <www.iest.org>

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Normative Annex 5

Field tests

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N-5.1 HEPA/ULPA filter leak test

N-5.1.1 Purpose

This test determines the integrity of downflow and exhaust HEPA/ULPA filters, filter housings, and filter mounting frames. The cabinet shall be operated within ± 5 ft/min (0.025 m/s) of the nominal set point, with the exception of the downflow HEPA/ULPA filters on B1 cabinets.

N-5.1.2 Apparatus

N-5.1.2.1 An aerosol photometer with linear or expanded logarithmic scale shall be used. The instrument shall be capable of indicating 100% upstream concentration with a minimum aerosol concentration of 10 $\mu\text{g/L}$ of DOP particles, or an equivalent fluid that provides the same particle size distribution (e.g., PAO di[2-ethylhexyl], sebecate, polyethylene glycol, and medicinal-grade light mineral oil)⁵ produced by the generator described in Section [N-1.2.2.2](#) or equivalent. It shall also be capable of detecting an aerosol concentration in the downstream equal to 10^{-5} of the upstream concentration of the same particles. The sampling rate of air shall be 1 ft³/min (28 LPM) $\pm 10\%$. Probe area shall have a maximum open area of 1.7 in² (1100 mm²) and a minimum dimension of 0.50 in (13 mm). The photometer shall be set up in accordance with the photometer manufacturer's instructions or IEST-RP-CC013^{Error! Bookmark not defined.} if instructions are not provided.

N-5.1.2.2 An aerosol generator of the Laskin Nozzle type conforming to Figure [12](#) or equivalent shall be used to create an aerosol by flowing air through liquid DOP or equivalent substitute. When a Laskin nozzle generator is used, the compressed air supplied to the generator should be adjusted to a minimum of 20 psi (140 kPa) if using DOP, or 23 psi (160 kPa) if using PAO, measured at the generator manufacturer's recommended location. The nozzles shall be covered with liquid to a depth not to exceed 1.25 in (31 mm).

N-5.1.2.3 A pressure gauge for the generator having a maximum range of 0 to 80 psi (0 to 550 kPa) with resolution and accuracy of 1 psi (7 kPa) calibrated by the manufacturer or in accordance with the manufacturer's instructions shall be used.

N-5.1.3 Method of testing HEPA/ULPA filters

N-5.1.3.1 Filters that can be scanned

- a) Turn on the cabinet blower and lights (Types A1 and A2 and B2 downflow filter test). Remove the filter diffusers and protective covers if any are present. Place the generator so the aerosol is introduced into each cabinet fan upstream of the HEPA/ULPA filter(s). When the

⁵ Hinds, W., J. Macher, M.W. First, "Size Distributions of Aerosols Produced from Substitute Materials by the Laskin Cold DOP Aerosol Generator," presented at the 16th Dept. of Energy Nuclear Air Cleaning Conference; and Yan, X., M.W. First, S.N. Rudnick, "Characteristics of Laskin Nozzle Generated Aerosols," Proc. 21st Nuclear Air Cleaning Conf., M.W. First, Ed., NTIS., Springfield, VA. Feb. 1991. p.116.

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manufacturer has not identified the aerosol introduction point(s), introduce the aerosol in a manner to ensure thorough mixing in the cabinet airflow. For example, a T-connection can be fitted to the aerosol generator output to enable distribution of challenge into both entrances of a single blower or entrances of multiple blowers. The manufacturer shall determine the aerosol introduction point that provides the most uniform distribution.

b) Turn on the photometer and adjust it in accordance with the manufacturer's instructions.

c) Determine the aerosol concentration upstream of the HEPA/ULPA filter:

— when the challenged airflow is not contaminated, sample the aerosol concentration upstream of the HEPA/ULPA filter;

— when the challenged airflow is contaminated or when measuring the upstream concentration is not practical, the upstream concentration can be calculated. For example, when DOP is used as the challenge aerosol with a Laskin nozzle aerosol generator at 20 psi (140 kPa), the following formula applies:

$$\begin{aligned}\mu\text{g/L} &= 13,500 \times \text{number of nozzles} / \text{ft}^3/\text{min of challenged air}; \text{ or} \\ \mu\text{g/L} &= 6,370 \times \text{number of nozzles} / \text{L/s of challenged air}; \text{ or} \\ \mu\text{g/L} &= 22,900 \times \text{number of nozzles} / \text{m}^3/\text{h of challenged air}\end{aligned}$$

NOTE — Use of DOP substitutes will require modification of this formula, unless the photometer is calibrated with the substitutes to yield results equivalent to those of DOP. Use of DOP substitutes will also require pressures different from 20 psig (140 kPa).

— The decimal results of this equation shall be truncated for final use.

NOTE: as an example, a calculated upstream of 27.99 would be used and reported as 27 $\mu\text{g/L}$

— use an aerosol concentration that is at least equal to the photometric equivalent of 10 $\mu\text{g/L}$ of DOP.

d) Set up the photometer to the upstream challenge in accordance with the photometer manufacturer's instructions to detect leaks greater than or equal to 0.01% of the upstream concentration.

e) With the nozzle of the probe held not more than 1 in (25 mm) from the area being tested, scan the entire downstream side of the HEPA/ULPA filter(s) and the perimeter of each filter pack by passing the photometer probe in slightly overlapping strokes at a traverse rate of not more than 2 in/s (50 mm/s). Separate passes shall be made around the entire periphery of the filter, along the bond between the filter pack and frame, and around the seal between the filter and the device.

f) Reported values shall be:

- upstream aerosol challenge concentration;
- method used to report concentration (measured or calculated);
- maximum leak penetration in percent;
- method used (scanned or probe tested); and
- name of test (HEPA/ULPA filter leak test).

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N-5.1.3.2 Filters that cannot be scanned

a) When a cabinet is ducted so that the exhaust filter cannot be scanned, it may be leak tested by drilling a hole approximately 0.3 in (8 mm) in diameter in the duct at a downstream location that will produce a well-mixed aerosol and inserting the photometer sampling probe with rigid extension tubing through the hole.

b) Reported values shall be:

- upstream aerosol challenge concentration;
- method used to report concentration (measured or calculated);
- maximum leak penetration in percent;
- method used (scanned or probe tested); and
- name of test (HEPA/ULPA filter leak test).

N-5.1.4 **Acceptance**

N-5.1.4.1 **Filters that can be scanned**

Sustained aerosol penetration shall not exceed 0.01% of the upstream concentration at any point.

N-5.1.4.2 **Filters that cannot be scanned**

Sustained aerosol penetration shall not exceed 0.005% of the upstream concentration.

***Rationale:** This revision provides clarification for calculating when necessary*

BSR/UL 111, Standard for Safety for Multioutlet Assemblies

1. The First Edition of the Standard for Multioutlet Assemblies is being proposed as an American National Standard.

PROPOSAL

Table 8.1
Minimum Size of Equipment-Grounding/Bonding Conductor

Rating of branch-circuit overcurrent-protective device to which the product is intended to be connected,	Size of equipment-grounding/bonding conductor ^a					
	Copper			Aluminum		
	Wire,	Equivalent cross-sectional area		Wire,	Equivalent cross-sectional area	
Amperes	AWG	mm ²	(kcmil)	AWG	mm ²	(kcmil)
15	14	2.02 2.08	(3987 4110)	12	3.24 3.31	(6334 6530)
20	12	3.24 3.31	(6334 6530)	10	5.261	(10380)
30	10	5.261	(10380)	8	8.367	(16510)
40	10	5.261	(10380)	8	8.367	(16510)
60	10	5.261	(10380)	8	8.367	(16510)
100	8	8.367	(16510)	6	13.57	(26765)
^a Where ungrounded conductors are increased in size, equipment grounding/bonding conductors shall be increased in size proportionately according to the circular mil area of the ungrounded conductor.						

8.3.3 Bonding shall be by a positive means, such as by a clamp, rivet, bolt, screw, welded joint, or a soldered or brazed joint using materials having a softening or melting point higher than 850 °F (454 °C). Terminals complying with the requirements in UL 310 are acceptable to connect bonding conductors in sizes 18 – 14 AWG copper under the following conditions:

- For conductor sizes 18 AWG (0.8 mm²) – 16 AWG (1.3 mm²) copper, the minimum connector and tab width shall be 0.110 inch (2.8 mm);
- For conductor size 14 AWG (2.1 mm²) copper, the minimum connector and tab width shall be 0.250 inch (6.4 mm); and
- Quick-connect tabs shall not be less than 0.032 inch (0.8 mm) thick.

8.11.2 Power conductors used for wiring a Multioutlet Assembly to the field wiring connection point shall be supplied with minimum ~~75 °C~~ ~~167 °F~~ (75 °C) rated insulation and be sized based upon 140 °F (60 °C) rated insulation in accordance with Table 8.4.

33.1.3 A 60-Hz essentially sinusoidal potential is to be applied between live parts and dead metal parts. The applied potential is to be 1240 Vac, 1754 Vdc, or 1000 Vac, 1414 Vdc plus two times the supply voltage, whichever is higher. The supply source is to have sufficient capacity to maintain the potential specified, except in case of breakdown. The voltage is to be increased gradually from zero until the prescribed test potential is reached or until breakdown occurs. The potential shall be applied between:

- The supply conductors and dead metal parts;
- Any two conductors. This test is to be continued until each conductor has been tested with respect

to every other conductor; and

c) The supply conductors and a non-metallic enclosure wrapped in metal foil. Metal foil is to be wrapped around all of the accessible enclosure areas containing live parts. Metal foil is not to be placed over receptacle faces. The metal foil shall closely conform to the shape of the enclosure.

33.1.4 For products employing double insulation, the test potential is to be 2480 ~~volts~~Vac, 3507 Vdc or 2000 ~~volts~~-Vac, 2828 Vdc plus four times the supply voltage, whichever is higher.

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BSR/UL 498, Standard for Safety for Attachment Plugs and Receptacles**2. Electric Vehicle Supply Equipment – EV identified Receptacle****PROPOSAL**

42E.3.2 The terminal screws of either an EV flush or surface mount receptacle shall be of a construction other than a slotted or a crosshead (Phillips) or a combination type of the two screw head types.

6. New Supplement SG – Modular Receptacle With Separable Device**PROPOSAL**

Table SG4.1
Modular Receptacle with Separable Device Combinations

	Separable Device	Complete Device	Applicable Standard	Comments
Permanently installed in outlet box	Temperature and Humidity Control ⁶	Modular Receptacle ¹ With Separable Temperature and Humidity Control	UL 498 Plus UL 873 or UL 60730-1 and applicable part 2 UL 60730-2-9 UL 60730-2-9 UL 60730-2-13A <u>UL 60730-2-13</u>	

Table SG16.1
Separable Device Markings

Separable Device	Complete Description Device	Applicable Marking Standard(s)	Location
Temperature and Humidity	Modular Receptacle ¹ With Separable Temperature and Humidity Control	UL 498 Plus UL 873 or UL 60730-1 and applicable part 2 UL 60730-2-9 UL 60730-2-13A <u>UL 60730-2-13</u>	All applicable markings Additional markings identified in UL 60730-1 and applicable part 2 UL 60730-2-9, UL 60730-2-13A <u>UL 60730-2-13</u> , as appropriate

BSR/UL 1682, Standard for Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type

1. Add language to increase the awareness of magnetically coupled devices present in an assembly

PROPOSAL

7.1.17 Magnetically coupled devices

7.1.17.1 A device that employs magnets shall be marked "WARNING - RISK OF MEDICAL DEVICE FAILURE. This device employs a strong magnet which can be harmful to implanted medical devices, such as a pacemaker. Stay clear of device.", or equivalent statement, following the word "WARNING". This marking shall appear on the device and smallest unit container and on any information sheet (instruction) packaged in the smallest unit container.

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