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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.

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-30-202x, Outboard Engine And Related Equipment Weights (revision of ANSI/ABYC S-30-2022)

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

Project Need: This industry conformity standard applies to all outboard powered boats and addresses outboard engine and related equipment weights for use in determining vessel capacity and flotation.

Interest Categories: Manufacturer - Boats; Manufacturer - Engines; Manufacturer - Accessory; Specialist Misc; Government; Consumer

This industry conformity standard applies to all outboard powered boats and addresses outboard engine and related equipment weights for use in determining vessel capacity and flotation.

ACI (American Concrete Institute)

Shannon Banchemo <shannon.banchemo@concrete.org> | 38800 Country Club Drive | Farmington Hills, MI 48331 www.concrete.org

New Standard

BSR/ACI SPEC-305.1-202x, Hot Weather Concreting--Specification (new standard)

Stakeholders: Specifiers, Contractors, Owners, Designers

Project Need: Special considerations are needed when you place concrete in hot weather. This specification will provide the requirements necessary for successful concrete placement and performance.

Interest Categories: Contractors, Producers, Consultants, Researchers, General Interest

This reference specification provides requirements for hot weather concreting that the architect/engineer can apply to any construction project involving hot weather concreting by citing it in the project specification.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK100909-202x, Reinstatement of E699-16 Standard Specification for Agencies Involved in Testing, Quality Assurance, and Evaluating of Manufactured Building Components (Withdrawn 2025) (new standard)
Stakeholders: Agencies Performing Construction Inspection, Testing and Special Inspection Industry

Project Need: This standard is referenced in ASTM E541 which Committee E36 reapproved with editorial changes earlier in 2026.

Interest Categories: User, General Interest, Unclassified

This standard is referenced in ASTM E541 which Committee E36 reapproved with editorial changes earlier in 2026.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK100949-202x, New Practice for Design Input Documentation and Interface Control for Commercial Rooftop Photovoltaic Systems (new standard)
Stakeholders: Photovoltaic Electric Power Conversion Industry

Project Need: This practice is intended to establish a consistent design-input and interface-control process for commercial rooftop photovoltaic projects and to provide owners, engineers, contractors, and other project stakeholders with a common framework that may be incorporated into project specifications and quality-management processes.

Interest Categories: Producer, User, General Interest, Consumer, Unclassified

This practice establishes procedures for documenting, transmitting, verifying, revising, and reconciling design information exchanged among project participants involved in the engineering and installation of commercial rooftop photovoltaic systems. This practice applies to photovoltaic systems installed on low-slope roofs of commercial, industrial, and institutional buildings. This practice addresses the source, intended use, verification status, revision control, and interdisciplinary reconciliation of technical design inputs, including identification of the project participant responsible for furnishing and verifying each input.

CTA (Consumer Technology Association)

Karis Lee <klee@cta.tech> | 1919 Sout Eads Street | Arlington, VA 22202 www.cta.tech

Revision

BSR/CTA 2118-A-202x, Four Frequency Pure Tone Average Testing Methodology and Hearing Wellness Reporting Metric for Consumer-Facing Hearing Solutions (revision of ANSI/CTA 2118-2023)
Stakeholders: Consumers, manufacturers, retailers

Project Need: Revise the standard to expand in areas such as SaMD as an OTC hearing aid.

Interest Categories: General interest, producer, user

This document will identify the elements of a standard testing methodology for a consumer-facing hearing metric and establish common terminology to describe hearing wellness throughout a consumer's lifetime.

NEMA (ASC C137) (National Electrical Manufacturers Association)

Connor Grubbs <Connor.Grubbs@nema.org> | 1812 N. Moore Suite 2200 | Arlington, Virginia 22209 www.nema.org

Revision

BSR/C137.0-202x, Standard for Lighting Systems Terms and Definitions (revision of ANSI/C137.0-2022)

Stakeholders: Manufacturers, Utilities, End Users, Building Management Systems, Installers, Integrators

Project Need: This Standard is in need of revision to add new terms for Tunable Lighting.

Interest Categories: Producers, Users, General Interest

The definitions listed in this document apply or are directly related to lighting systems and are used in multiple lighting system standards. This standard is intended for use by lighting systems standards developers. The terms found in this document are recommended for use in all C137 lighting system standards. Where this document does not include a term, other references are listed.

NEMA (ASC C137) (National Electrical Manufacturers Association)

Connor Grubbs <Connor.Grubbs@nema.org> | 1812 N. Moore Suite 2200 | Arlington, Virginia 22209 www.nema.org

Revision

BSR/C137.1-202x, Standard for 0-10 V Dimming Interface for LED Drivers, Fluorescent Ballasts, and Controls (revision of ANSI/C137.1-2022)

Stakeholders: Manufacturers, Utilities, End Users, Building Management Systems, Installers, Integrators

Project Need: This standard is in need of revision to update the dimming interface description, clarifying how the 0-10 V control signal operates and interacts with LED drivers and ballasts. It will also address dimming interface tolerances, specifying acceptable voltage ranges and variations to ensure consistent performance across devices. Additionally, the revision introduces the relative input power concept, allowing for a more precise correlation between 0-10V control input signal and driver input power levels. Finally, guidance will be provided for estimating energy savings, helping designers and users evaluate the efficiency benefits of dimming implementations in various applications.

Interest Categories: Producers, Users, General Interest

This standard specifies the 0-10 volt control interface method and performance requirements for dimmable LED drivers, fluorescent ballasts, and dimming control units where output power is adjustable between minimum/off and maximum via a control input signal. The interface may be from one or more control units to one or more drivers or ballasts. Note: Dimmable LED drivers and fluorescent ballasts are hereinafter referred to together as driver/ballast(s). Applications include, but are not limited to, commercial, residential, industrial, roadway and area, and hospitality. Applicable devices include, but are not limited to, dimmable drivers and ballasts that may be internal or external to luminaires, dimming controls, and daylighting controls. This standard does not specify control by pulse-width modulation (PWM). NOTE: Compliance with this standard provides a documented means for manufacturers to specify values that designers and specifiers can use to assess interoperability.

NENA (National Emergency Number Association)

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

Revision

BSR/NENA STA-002.2.1-202x, NENA Standard to Protect the Wellbeing of 9-1-1 Professionals (revision and redesignation of ANSI/NENA STA.002.2-2022)

Stakeholders: PSAP/ECC Operations such as telecommunicators, supervisors, managers, and administration; Occupational wellbeing, stress management, and overall wellness; Occupational wellness applications and technology

Project Need: Revision of NENA Standard to Protect the Wellbeing of 9-1-1 Professionals

Interest Categories: Users, Producers, General Interests

The standards defines the potential impacts of 9-1-1 work on the wellbeing of the emergency telecommunicator and directs PSAP leaders to build Comprehensive Stress Resilience Plans empowering their personnel for wellness by preventing, managing, and healing from these impacts.

NENA (National Emergency Number Association)

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

Revision

BSR/NENA STA-030.2-202x, NENA Standard for the Non-Conventional Means of Communicating with 9-1-1 (revision and redesignation of ANSI/NENA STA-030.1-2025)

Stakeholders: PSAP/ECC operations to include telecommunicators, supervisors, and administration, Originating Service Provider (OSP) technical, NG9-1-1 technologies, and applications providers and related areas

Project Need: Revision of NENA Standard for the Non-Conventional Means of Communicating with E9-1-1 to incorporate NG9-1-1 components.

Interest Categories: Users, Producers, General Interests

The standard provides examples of non-conventional data transmissions to public safety entities; identifies mechanisms used to handle non-conventional communication modes; provides guidance on what can be delivered to the 9-1-1 PSAP; and specifies methods to convey the customary call information to the 9-1-1 PSAP.

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 A108.4-202x, Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive (revision of ANSI A108.4-2023)

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 ANSI standard defines the installation of ceramic tile with organic adhesives or water cleanable tile-setting epoxy adhesive.

TIA (Telecommunications Industry Association)

Teesha Jenkins <tjenkins@tiaonline.org> | 1320 North Courthouse Road, Suite 200 | Arlington, VA 22201-2598 www.tiaonline.org

New Standard

BSR/TIA 455-32-B-202x, FOTP-32 Fiber Optic Circuit Discontinuities (new standard)

Stakeholders: fiber optic manufacturers, test laboratories, telecom users, telecom installers

Project Need: Create new

Interest Categories: User, Producer and General Interest

Revision of TIA-455-32-A and re-establish ANSI accreditation. TIA-455-32-A (FOTP-32) has lost ANSI accreditation due to time limits since last edit. FOTP-32 provides a method of testing a broad variety of passive or active fiber optic components or subsystems for susceptibility to discontinuities during the application of an external stimulus, such as vibration or physical shock.

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 22, 2026

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

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

Addenda

BSR/ASHRAE Standard 211 Addendum c-202x, Standard for Commercial Building Energy Audits (addenda to ANSI/ASHRAE/ACCA Standard 211-2018 (R2023))

This addendum adds a definition for transportation vehicle energy, and includes a revised Figure 1 clarifying how transportation vehicle energy is accounted for.

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

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

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | cearl@esda.org, <https://www.esda.org>

Revision

BSR/EOS ESD STM12.1-202x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Seating - Resistance Measurement (revision of ANSI/ESD STM12.1-2019)

The test methods established here are designed to measure the resistance of seating. The resistances considered here are measured from various seating components to a groundable point, such as a conductive or dissipative caster or a drag chain. This document provides a method for measuring the resistance of seating with resistance less than 1.0×10^9 ohms. NOTE: Measurements can be limited below 1.0×10^3 ohms. The lowest measurement value will be limited to the value obtained in Annex A.2. Resistivity measurements and measurements of triboelectric charging are not within the scope or purpose of this standard test method. This document does not apply to electrically initiated explosive devices, flammable liquids, or powders.

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

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

Comment Deadline: November 22, 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

Revision

BSR/ASSE 1012-202x, Performance Requirements for Backflow Preventers with an Intermediate Atmospheric Vent (revision of ANSI/ASSE 1012-2021)

The devices covered by this standard are those which have functional capabilities for preventing both backsiphonage and backpressure and which can operate under continuous or intermittent pressure conditions. These devices have 2 independently operating check valves separated by an intermediate chamber with a means for automatically venting it to the atmosphere and can be installed in the horizontal, vertical up or vertical down orientations. The check valves are force loaded to a normally closed position and the venting means is force loaded to a normally open position.

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

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

RESOLVE (Resolve, Inc.)

2445 M Street, NW, Suite 550, Washington, DC 20037 | pr3standards@resolve.ngo, www.resolve.ngo

New Standard

BSR/RESOLVE RES-006-202x, Reusable packaging systems design standard: Collection point design (new standard) (new standard)

This standard specifies requirements and recommendations for operators of reusable packaging systems. The document specifies minimum requirements and recommendations for the collection points for reusable packaging systems. This standard applies to collection points for reusable packaging systems in which the container is returned to a collection point and then washed, redistributed, and refilled. It is applicable to passive, smart, and staffed collection points.

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

Send comments (copy psa@ansi.org) to: <https://forms.gle/F1tBZh8dJQdT5urS6>

ULSE (UL Standards and Engagement)

1603 Orrington Avenue, Evanston, IL 60201 | vanessa.johanneson@ulse.org, <https://ulse.org/>

Revision

BSR/UL 1004-9-202x, Standard for Safety for Form Wound and Medium Voltage Rotating Electrical Machines (revision of ANSI/UL 1004-9-2021)

With the rapid increase in the number of data centers being built together with the privately owned power generation systems associated with the data centers (often using gas turbines for the prime movers), the need to certify the special (custom) electrical generators becomes more urgent. In 2029, MV equipment up to 15 kV will require approvals. In 2032, the scope expansion will include equipment above 15 kV. These changes will support proposed changes to UL/ULC 2200, Stationary Engine Generator Assemblies. Note from ULSE Project Manager: Editorial changes are also proposed by ULSE to Section 4 to align with the proposal and to update the style and format.

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

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

Comment Deadline: November 22, 2026

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 4740-202x, Standard for Safety for Lidar and Lidar Systems Used in Vehicles (revision of ANSI/UL 4740-2024)

The following is being recirculated for your review: 1. UL 4740 Inclusive Language; 2. Lidar used in Hazardous atmospheres

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

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

Comment Deadline: December 7, 2026

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI/ISO 11737-1-2018 (R202x), Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products (reaffirmation of ANSI/AAMI/ISO 11737-1-2018)

This standard specifies requirements and provides guidance for counting and characterizing the viable microorganisms on or in a health care product, component, raw material, or package. It does not apply to counting or identifying viruses, prions, or protozoa, including the agents of spongiform encephalopathies. It also does not apply to microbiological monitoring of the manufacturing environment.

Single copy price: Free

Obtain an electronic copy from: ggolriz@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI/ISO 11737-2-2019 (R202x), Sterilization of health care products - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of sterilization process (reaffirm a national adoption ANSI/AAMI/ISO 11737-2-2019)

This standard establishes general criteria for tests of sterility on medical devices that have been exposed to a reduced treatment with the sterilizing agent, relative to the treatment intended for routine processing. These tests are performed when defining, validating, or maintaining a sterilization process. The standard does not apply to sterility testing for routine product release, to performing a test for sterility, to sterility testing used to demonstrate shelf life, stability, or package integrity, or to culturing biological indicators or inoculated products.

Single copy price: Free

Obtain an electronic copy from: ggolriz@aami.org

Send comments (copy psa@ansi.org) to: Gigi Golriz <ggolriz@aami.org>

Comment Deadline: December 7, 2026

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

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

Addenda

BSR/ASHRAE/IBPSA Addendum h to Standard 205-202x, Representation of Performance Data for HVAC&R and Other Facility Equipment (addenda to ANSI/ASHRAE Standard 205-2023)

Addendum h contains modifications to several aspects of Standard 205-2023 in preparation for anticipated republication of the entire standard in late 2026. The following is an overview of the proposed changes.

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 | ckings@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE/IBPSA Addendum i to Standard 205-202x, Representation of Performance Data for HVAC&R and Other Facility Equipment (addenda to ANSI/ASHRAE Standard 205-2023)

To address concerns related to data security in Standard 205, Addendum i adds a new informative appendix, Methods for Data Security, describing several options that data publishers could use to control access to data. This appendix is intended to provide a resource for data publishers on how to adopt the use of Standard 205 within their organizations.

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>

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.40.1-1996 (R202x) and Z21.40.1a-1997 (R202x), Gas-Fired, Heat Activated Air Conditioning And Heat Pump Appliances, Same As Cga 2.91 (reaffirmation of ANSI Z21.40.1-1996 (R2022) and Z21.40.1a-1997 (R2022))

This standard applies to newly produced, gas-fired, heat activated, air conditioning and heat pumping appliances, hereinafter referred to as appliances, constructed entirely of new, unused parts and materials, which are designed to supply conditioned air; heated and/or cooled liquid; or refrigerants, gases, solids, or liquids to spaces remote from or adjacent to the appliance. Heat activated appliances are those appliances whose heating, cooling, or dehumidifying effect is directly energized by the thermal output of fuel gas combustion.

Single copy price: Free

Obtain an electronic copy from: ANSI.CONTACT@CSAGROUP.ORG

Send comments (copy psa@ansi.org) to: ANSI.CONTACT@CSAGROUP.ORG

Comment Deadline: December 7, 2026

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.40.2-1996 (R202x) and Z21.40.2a-1997 (R202x), Gas-Fired, work activated air-conditioning and heat pump appliances (internal combustion), same as CGA 2.92, same as CGA 2.92 (reaffirmation of ANSI Z21.40.2-1996 (R2022) and Z21.40.2a-1997 (R2022))

This standard applies to newly produced, gas-fired, work activated, air conditioning and heat pumping appliances, hereinafter referred to as appliances, constructed entirely of new, unused parts and materials, which are designed to supply conditioned air; heated and/or cooled liquid; or refrigerants, gases, solids, or liquids to spaces remote from or adjacent to the appliance. Work activated appliances are those appliances whose heating, cooling, or dehumidifying effect is directly energized by the work output of an internal combustion engine.

Single copy price: Free

Obtain an electronic copy from: Ansi.Contact@CSAGroup.org

Send comments (copy psa@ansi.org) to: Ansi.Contact@CSAGroup.org

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2136-A-202x, Operations and Monitoring of Predictive Health AI Solutions (new standard)

This standard outlines the methodology and requirements of the post-market operations and monitoring related to the accuracy of predictive health AI solutions. This standard does not address the real-world metric triggers by which the model might require re-training.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

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

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2144-202x, Verification and Validation Methodologies for Wearable Technologies (new standard)

This document provides recommendations and best practices for demonstrating outcome driven verification and validation methods across a variety of wearable technologies.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

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

CTA (Consumer Technology Association)

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

Reaffirmation

BSR/CTA 2045.2-A-2022 (R202x), Modular Communications Interface for Generic Display Message Set (reaffirmation of ANSI/CTA 2045.2-A-2022)

This specification is an extension of the ANSI/CTA-2045 Modular Communications Interface (MCI) for Energy Management standard. It describes messages and methods that enable generic message display over the MCI interface.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

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

Comment Deadline: December 7, 2026

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60115-8-202x, Fixed resistors for use in electronic equipment - Part 8: Sectional specification: Fixed surface mount resistors (identical national adoption of IEC 60115-8:2023 ED3 and revision of ANSI/EIA 60115-8 ed. 2.0-2014 (R2019))

This part of IEC 60115 is applicable to fixed surface mount resistors for use in electronic equipment. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. These resistors have metallized terminations and are primarily intended to be mounted directly on to a circuit board. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor.

Single copy price: \$665.00

Obtain an electronic copy from: store accuristech.com

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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-8-202x, Fixed capacitors for use in electronic equipment - Part 8: Sectional specification - Fixed capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-8:2024 and revision of ANSI/EIA 60384-8-2017)

This part of IEC 60384 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface mount multilayer capacitors of ceramic dielectric, which are covered by IEC 60384-21 (Class 1). Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Single copy price: \$484.00

Obtain an electronic copy from: store accuristech.com

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

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-21-202x, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-21:2024 ED4 and revision of ANSI/EIA 60384-21-2020)

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Single copy price: \$484.00

Obtain an electronic copy from: store accuristech.com

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

Comment Deadline: December 7, 2026

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-22-202x, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22:2024 ED4 and revision of ANSI/EIA 60384-22-2020)

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Single copy price: \$550.00

Obtain an electronic copy from: store accuristech.com

Send comments (copy psa@ansi.org) to: emikoski@ecianow.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 1023-202x, Performance Requirements for Electrically Heated or Cooled Water Dispensers (revision of ANSI/ASSE 1023-2020 (R2025))

Water dispensers covered by this standard include an integral electrically powered heater or cooler. Device shall consist of an accumulator vented to atmosphere when a heater is included, a thermal element or cooler, connection to an electrical outlet, and a dispensing fitting.

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

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

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

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

New Standard

BSR/IAPMO Z1405-202x, Elastomeric Test Caps, Cleanout Caps, and Combination Test Caps/Shielded Couplings (new standard)

This Standard covers elastomeric test caps, cleanout caps, and combination test caps/shielded couplings, and specifies requirements for materials, physical characteristics, performance testing, and markings.

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

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

Comment Deadline: December 7, 2026

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

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

Revision

BSR/IICRC S590-202x, Standard for Assessing HVAC Systems Following a Water, Fire, or Mold Damage Event (revision of ANSI/IICRC S590-2023)

The HVAC assessment process identifies impacted and non-impacted HVAC internal surfaces after a water, fire, or mold damage event. This Standard contains procedures to perform HVAC assessments and create a written report, Scope of Work (SOW), or both, for restorers to write a Restoration Work Plan (RWP). The document lists methods and procedures to document visual and olfactory observations after a water, fire, or mold damage event.

Single copy price: Free

Obtain an electronic copy from: <https://iicrc.org/iicrcstandards/>

Send comments (copy psa@ansi.org) to: <https://iicrc.org/iicrcstandards/>

NEMA (ASC C137) (National Electrical Manufacturers Association)

1812 N. Moore Suite 2200, Arlington, Virginia 22209 | Connor.Grubbs@nema.org, www.nema.org

Reaffirmation

BSR/C137.63103-2021 (R202x), Standard for Lighting Systems Adoption of IEC 63103 Lighting Equipment-Non-Active Mode Power Measurement (reaffirm a national adoption ANSI/C137.63103-2021)

An adoption of the IEC 63103 Standard as a nationally acknowledged international standard (NAIS) with regional deviations. The scope of IEC 63103 states in part "This document specifies methods of measurement of electrical power consumption in nonactive mode(s), as applicable for electrical lighting equipment. This includes electrical lighting equipment incorporating non-illumination components".

Single copy price: \$100.00

Obtain an electronic copy from: Connor.Grubbs@nema.org

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

NFPA (National Fire Protection Association)

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

New Standard

BSR/NFPA 200-202x, Standard for Hanging and Bracing of Fire Suppression Systems (new standard)

This standard shall provide the minimum requirements for the hanging, bracing, support, and anchorage of components and devices for fire suppression systems covered within this standard. Performance-based design of hanging, bracing, support, and anchorage of components and devices for fire suppression systems shall be permitted.

Obtain an electronic copy from: www.nfpa.org/200next

Send comments (copy psa@ansi.org) to: www.nfpa.org/200next

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Revision

BSR/TAPPI T 829 om-202x, Score quality test (revision of ANSI/TAPPI T 829 om-2021)

This method describes a qualitative method for evaluating the relative quality of scores in corrugated containers.

Single copy price: Free

Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org

Send comments (copy psa@ansi.org) to: Brittaney Lovett, Standards@tappi.org

Comment Deadline: December 7, 2026

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

New Standard

BSR A108.23-202x, Interior Installation of Foam Core Backer Board (FCB) (new standard)

This standard covers FCB when used as a substrate for the installation of ceramic tile in interior applications.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A118.16-2021 (R202x), Standard Specifications for Flowable Hydraulic Cement Underlayment/Self-Leveling Underlayment (reaffirmation of ANSI A118.16-2021)

This specification covers ordinary portland cement (OPC)-based and calcium aluminate-based Flowable Hydraulic Cement Underlayment / Self-Leveling Underlayment when used as a substrate for the installation of ceramic tile, manufactured stone and natural stone in interior applications.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A137.2-2022 (R202x), Standard Specifications for Glass Tile (reaffirmation of ANSI A137.2-2022)

These specifications serve as a reference standard for buyers, specification writers, and installers of Standard Grade glass tile.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A137.3-2022 (R202x), Standard Specifications for Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs (reaffirmation of ANSI A137.3-2022)

These specifications serve as a reference standard for buyers, specifiers, installers, building owners, and users of gauged

porcelain tiles and gauged porcelain tile panels / slabs (hereafter referred to as “tiles” and “tile panels / slabs”).

These

specifications are also a reference standard for producers in the manufacture of such products.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

Comment Deadline: December 7, 2026

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A108.02-202x, General Requirements: Workmanship for Tile Installation (revision of ANSI A108.02-2023)
These specifications serve as a reference standard for design professionals, general contractors, tile contractors, and building owners where ceramic tile or glass tile is the finish surface. These specifications are also a reference standard for products used in the installation of ceramic or glass tile.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A108.5-202x, Setting of Ceramic Tile with Dry-Set Cement Mortar, Modified Dry-Set Cement Mortar, EGP (Exterior Glue Plywood) Modified Dry-Set Cement Mortar, or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.5-2023)

This ANSI standards defines the setting of ceramic tile with dry-set cement mortar, modified dry-set cement mortar, EGP (Exterior Glue Plywood) Modified Dry-Set Cement Mortar, or Improved Modified Dry-set Cement Mortar

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A108.6-202x, Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and - Grouting Epoxy (revision of ANSI A108.6-2023)

This ANSI standards defines the installation of ceramic tile with chemical resistance, water cleanable tile-setting and -grouting epoxy

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A108.8-202x, Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (revision of ANSI A108.8 (R2024))

This ANSI standards defines the installation of ceramic tile with chemical resistance furan resin mortar and grout.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

Comment Deadline: December 7, 2026

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A108.9-202x, Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout (revision of ANSI A108.9-2023)

This ANSI standards defines the installation of ceramic tile with modified emulsion mortar/grout

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A108.12-202x, Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Modified Dry-Set Mortar (revision of ANSI A108.12-2023)

This ANSI standards defines the installation of ceramic tile with EGP (Exterior Glue Plywood) modified dry-set mortar

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A108.T-202x, Standard Terminology of Tile Assemblies (revision of ANSI A108.T-2023)

This ANSI standard is intended to define terms commonly used in the ANSI A118, A136, and A137 series of product specifications and ANSI A108 series of installation standards for tile.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A137.1-202x, Standard Specifications for Ceramic Tile (revision of ANSI A137.1-2022)

These specifications serve as a reference standard for buyers and specifiers of Standard Grade and Second Grade ceramic tile, and specialty tile. These specifications are also a guide to producers in maintaining quality control of the manufacture of such ceramic tile.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

Comment Deadline: December 7, 2026

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

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Revision

BSR A326.3-202x, Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials (revision of ANSI A326.3-2021)

This standard describes the test method for measuring dynamic coefficient of friction (DCOF) of hard surface flooring materials.

Single copy price: \$20.00

Obtain an electronic copy from: ksimpson@tcnatile.com

Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tcnatile.com

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1082-202x, Standard for Household Electric Coffee Makers and Brewing-Type Appliances (revision of ANSI/UL 1082-2024)

1. Portable Battery-Operated Brewing Appliances

Single copy price: Free

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

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

Project Withdrawn

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

ADA (American Dental Association)

401 N. Michigan Avenue, Suite 3300, Chicago, IL 60611 | swickm@ada.org, www.ada.org

BSR/ADA Standard No. 1116-202x, Dentistry - Interoperability with Regulatory Compliance in Electronic Health Record Systems (new standard)

Send comments (copy psa@ansi.org) to: Mary Swick <swickm@ada.org>

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA S-080A-202x, Space Systems - Metallic Pressure Vessels, Pressurized Structures, Pressure Components and Special Pressurized Equipment (new standard)

Send comments (copy psa@ansi.org) to: Dr. Nancy Barnes <nancyb@aiaa.org>

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA S-132-202x, Delay/Disruption Tolerant Networking (DTN) protocol for space mission operations (new standard)

Send comments (copy psa@ansi.org) to: Dr. Nancy Barnes <nancyb@aiaa.org>

Project Withdrawn

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA S-136-202x, Safety Standard for Space Lithium Batteries (new standard)

Send comments (copy psa@ansi.org) to: Michele Dominiak <micheled@aiaa.org>

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA S-141-202x, Standard for Code Verification in Computational Fluid Dynamics (new standard)

Send comments (copy psa@ansi.org) to: Dr. Nancy Barnes <nancyb@aiaa.org>

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA S-144-202x, Qualification and Acceptance Tests for Commoditized Space Battery Cells (new standard)

Send comments (copy psa@ansi.org) to: Dr. Nancy Barnes <nancyb@aiaa.org>

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA S-102.2.5-202x, Performance-Based Sneak Circuit Analysis (SCA) Requirements (new standard)

Send comments (copy psa@ansi.org) to: Michele Dominiak <micheled@aiaa.org>

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA S-102.3.5-200x, Performance-based Reliability and Maintainability Programs - Design of Experiments (new standard)

Send comments (copy psa@ansi.org) to: Dr. Nancy Barnes <nancyb@aiaa.org>

AIAA (American Institute of Aeronautics and Astronautics)

1881 Campus Commons Drive, Suite 400, Reston, VA 20191 | nancyb@aiaa.org, www.aiaa.org

BSR/AIAA/ISO 21384-3-202x, Unmanned aircraft systems - Part 3: Operational procedures (identical national adoption of ISO 21384-3)

Send comments (copy psa@ansi.org) to: Dr. Nancy Barnes <nancyb@aiaa.org>

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE 2420-202x, Standard Criteria for Combustion Turbine Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations (new standard)

Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE 2740-202x, Guide for the Selection and Installation of Flexible Electrical Cables and Systems in Hazardous (Classified) Locations on Land Drilling Rigs (new standard)

Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

Project Withdrawn

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE 3001.2-202x, Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems (new standard)

Send comments (copy psa@ansi.org) to: Teresa Belmont <t.belmont@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE 42030-202x, Standard for Systems and Software Engineering - Architecture Evaluation (new standard)

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

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

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

AWS (American Welding Society)

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

ANSI/AWS A4.4M:2001 (R2016), Standard Procedures for Determination of Moisture Content of Welding Fluxes and Welding Electrode Flux Coverings (reaffirmation of ANSI/AWS A4.4M-2001 (R2006))

Send comments (copy psa@ansi.org) to: Kevin Bulger <kbulger@aws.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 802.1Qcd-2016, Standard for Local and metropolitan area networks - Bridges and Bridged Networks - Amendment 23: Application Virtual Local Area Network (VLAN) Type, Length, Value (TLV) (addenda to ANSI/IEEE 802.1Q-2012)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 848-2015, Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 1484.13.6-2015, Recommended Practice for Learning Technology - Open Archives Initiative Object Reuse and Exchange Abstract Model (OAI-ORE) - Mapping to the Conceptual Model for Resource Aggregation (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 1671.5-2015, Standard for Automatic Test Markup Language (ATML) Test Adapter Description (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 1671.6-2015, Standard for Automatic Test Markup Language (ATML) Test Station Description (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 1788-2015, Standard for Interval Arithmetic (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 1823-2015, Standard for Universal Power Adapter for Mobile Devices (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 1872-2016, Standard Ontologies for Robotics and Automation (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 3333.1.1-2015, Standard for Quality of Experience (QoE) and Visual-Comfort Assessments of Three-Dimensional (3D) Contents Based on Psychophysical Studies (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 60079-30-1-2016, IEC/IEEE International Standard - Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 60079-30-2-2016, IEEE/IEC International Standard for Explosive atmospheres - Part 30-2: Electrical resistance trace heating - Application guide for design, installation and maintenance (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 62582-5-2015, Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 5: Optical time domain reflectometry (new standard)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI N42.43-2016, Performance Criteria for Mobile and Transportable Radiation Monitors Used for Homeland Security (revision of ANSI N42.43-2006)

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE 1264-2015, Guide for Animal Deterrents for Electric Power Supply Substations (revision of ANSI/IEEE 1264-2004 (R2009))

Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

NECA (National Electrical Contractors Association)

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

ANSI/NECA 200-2016, Standard for Installing and Maintaining Temporary Electric Power at Construction Sites (revision of ANSI/NECA 200-2010)

Send comments (copy psa@ansi.org) to: Jeff Noren <Jeff.Noren@NECAnet.org>

Final Actions on American National Standards

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

ACCA (Air Conditioning Contractors of America)

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | david.bixby@acca.org, www.acca.org

ANSI/Addendum c, ACCA 3 Manual S-2026, Residential Equipment Selection (addenda to ANSI/ACCA 3 Manual S-2023, Addendum a-2024, and Addendum b-2024) Final Action Date: 10/15/2026 | *Addenda*

ANS (American Nuclear Society)

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

ANSI/ANS 2.15-2013 (R2026), Criteria for Modeling Atmospheric Dispersion of Radiological Releases from Nuclear Facilities (reaffirmation of ANSI/ANS 2.15-2013 (R2021)) Final Action Date: 10/15/2026 | *Reaffirmation*

APTech (ASC CGATS) (Association for Print Technologies)

450 Rev Kelly Smith Way, Nashville, TN 37203 | standards@aptech.org, www.printtechnologies.org

ANSI/CGATS/ISO 15930-7-2010 (R2026), Graphic technology - Prepress digital data exchange using PDF Part 7: Complete exchange of printing data (PDF/X-4) and partial exchange of printing data with external profile reference (PDF/X-4p) using PDF 1.6 (reaffirm a national adoption ANSI/CGATS/ISO 15930-7-2010 (R2021)) Final Action Date: 10/13/2026 | *Reaffirmation*

ANSI/CGATS/ISO 15930-8-2010 (R2026), Graphic technology - Prepress digital data exchange using PDF Part 8: Partial exchange of printing data using PDF 1.6 (PDF/X-5) (reaffirm a national adoption ANSI/CGATS/ISO 15930-8-2010 (R2021)) Final Action Date: 10/13/2026 | *Reaffirmation*

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ANSI X9.84-2026, Biometric Information Management & Security for the Financial Services Industry (revision of ANSI X9.84-2018) Final Action Date: 10/15/2026 | *Revision*

ASCE (American Society of Civil Engineers)

1801 Alexander Bell Drive, Reston, VA 20190 | tjohnston@asce.org, www.asce.org

ANSI/ASCE/EWRI 70 (R2026), Estimation of Aquifer Hydraulic Properties by Inverse Numerical Modeling of Aquifer Pumping Tests (new standard) Final Action Date: 10/13/2026 | *New Standard*

CSA (CSA America Standards Inc.)

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

ANSI Z21.92 (R2026), Manually Operated Electric Gas Ignition Systems and Components, same as CSA 6.29 (reaffirmation of ANSI Z21.92-2001 (R2021) Add A & Add B (R2021)) Final Action Date: 10/13/2026 | *Reaffirmation*

ANSI/CSA HGV 4.1-2026, Hydrogen-dispensing systems (revision of ANSI/CSA HGV 4.1-2020 (R2025)) Final Action Date: 10/13/2026 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 1936.13-2026, Recommended Practice for Image Collection during the Inspection of Overhead Distribution Lines by Unmanned Aircraft Systems (new standard) Final Action Date: 10/13/2026 | *New Standard*

NSF (NSF International)

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

ANSI/NSF 245-2026 (i44r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2023) Final Action Date: 10/16/2026 | *Revision*

ANSI/NSF/CAN 50-2026 (i222r1), 50-20XX: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2025a) Final Action Date: 9/23/2026 | *Revision*

ANSI/NSF/CAN 50-2026 (i228r2), 50-2026: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2025a) Final Action Date: 10/15/2026 | *Revision*

ANSI/NSF/CAN 50-2026 (i231r1), 50-20XX: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2025a) Final Action Date: 10/14/2026 | *Revision*

SFIA (Steel Framing Industry Association)

513 W Broad Street, Suite 210, Falls Church, VA 22046-3257 | meredith@steel framing.org, www.steel framing.org

ANSI/SFIA AISI S240-2026, North American Standard for Cold-Formed Steel Structural Framing (revision of ANSI/AISI S240-2020) Final Action Date: 10/15/2026 | *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

AAMI - Association for the Advancement of Medical Instrumentation

1. AAMI ST-WG09, Aseptic Processing WG, is seeking additional members from user, regulatory and general interest categories to participate in the reaffirmation of the following documents:

- ANSI/AAMI/ISO 13408-2:2018, Aseptic processing of health care products — Part 2: Sterilizing filtration
- ANSI/AAMI/ISO 13408-3:2006/(R)2015, Aseptic processing of health care products — Part 3: Lyophilization
- ANSI/AAMI/ISO 13408-4:2005/(R)2014, Aseptic processing of health care products — Part 4: Clean-in-place technologies
- ANSI/AAMI/ISO 13408-5:2006/(R)2015, Aseptic processing of health care products — Part 5: Sterilization in place
- ANSI/AAMI/ISO 13408-7:2012/(R)2018, Aseptic processing of health care products — Part 7: Alternative processes for medical devices and combination products

2. AAMI ST-WG11, General Criteria for Sterilization Processes and sterilizing equipment, is seeking additional members from user, regulatory and general interest categories to participate in the reaffirmation of the following document:

ANSI/AAMI/ISO 14937:2009/(R)2013, Sterilization of health care products - General requirements for characterization of a sterilizing agent and the development, validation and routine control of a sterilization process for medical devices

AAMI's stakeholder category definitions are outlined in Section [4.5.1.2](#) of the AAMI Standards Program Policies and Procedures, available [here](#). You may submit your request to join this committee [here](#). Please send direct inquiries to: Ladan Bulookbashi, lbulookbashi@aami.org. Deadline to join: November 5th, 2026.

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 11737-1-2018 (R202x), Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products (reaffirmation of ANSI/AAMI/ISO 11737-1-2018)

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI/ISO 11737-2-2019 (R202x), Sterilization of health care products - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of sterilization process (reaffirm a national adoption ANSI/AAMI/ISO 11737-2-2019)

ABYC (American Boat and Yacht Council)

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

BSR/ABYC S-30-202x, Outboard Engine And Related Equipment Weights (revision of ANSI/ABYC S-30-2022)

Interest Categories: Soliciting for membership categories: Manufacturer - Engines; Manufacturer - Accessory; Insurance/Survey; Specialist Service; Specialist Misc; Government; Consumer; General Interest

ACI (American Concrete Institute)

38800 Country Club Drive, Farmington Hills, MI 48331 | shannon.banchero@concrete.org, www.concrete.org

BSR/ACI SPEC-305.1-202x, Hot Weather Concreting–Specification (new standard)

CTA (Consumer Technology Association)

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

BSR/CTA 2045.2-A-2022 (R202x), Modular Communications Interface for Generic Display Message Set (reaffirmation of ANSI/CTA 2045.2-A-2022)

CTA (Consumer Technology Association)

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

BSR/CTA 2118-A-202x, Four Frequency Pure Tone Average Testing Methodology and Hearing Wellness Reporting Metric for Consumer-Facing Hearing Solutions (revision of ANSI/CTA 2118-2023)

CTA (Consumer Technology Association)

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

BSR/CTA 2136-A-202x, Operations and Monitoring of Predictive Health AI Solutions (new standard)

CTA (Consumer Technology Association)

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

BSR/CTA 2144-202x, Verification and Validation Methodologies for Wearable Technologies (new standard)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60115-8-202x, Fixed resistors for use in electronic equipment - Part 8: Sectional specification: Fixed surface mount resistors (identical national adoption of IEC 60115-8:2023 ED3 and revision of ANSI/EIA 60115-8 ed. 2.0-2014 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-8-202x, Fixed capacitors for use in electronic equipment - Part 8: Sectional specification - Fixed capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-8:2024 and revision of ANSI/EIA 60384-8-2017)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-21-202x, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-21:2024 ED4 and revision of ANSI/EIA 60384-21-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-22-202x, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22:2024 ED4 and revision of ANSI/EIA 60384-22-2020)

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | cearl@esda.org, <https://www.esda.org>

BSR/EOS ESD STM12.1-202x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Seating - Resistance Measurement (revision of ANSI/ESD STM12.1-2019)

NEMA (ASC C137) (National Electrical Manufacturers Association)

1812 N. Moore Suite 2200, Arlington, Virginia 22209 | Connor.Grubbs@nema.org, www.nema.org

BSR/C137.0-202x, Standard for Lighting Systems Terms and Definitions (revision of ANSI/C137.0-2022)

NEMA (ASC C137) (National Electrical Manufacturers Association)

1812 N. Moore Suite 2200, Arlington, Virginia 22209 | Connor.Grubbs@nema.org, www.nema.org

BSR/C137.1-202x, Standard for 0-10 V Dimming Interface for LED Drivers, Fluorescent Ballasts, and Controls (revision of ANSI/C137.1-2022)

NEMA (ASC C137) (National Electrical Manufacturers Association)

1812 N. Moore Suite 2200, Arlington, Virginia 22209 | Connor.Grubbs@nema.org, www.nema.org

BSR/C137.63103-2021 (R202x), Standard for Lighting Systems Adoption of IEC 63103 Lighting Equipment-Non-Active Mode Power Measurement (reaffirm a national adoption ANSI/C137.63103-2021)

NENA (National Emergency Number Association)

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

BSR/NENA STA-002.2.1-202x, NENA Standard to Protect the Wellbeing of 9-1-1 Professionals (revision and redesignation of ANSI/NENA STA.002.2-2022)

Interest Categories: NENA seeks volunteers for the revision of NENA Standard to Protect the Wellbeing of 9-1-1 Professionals, NENA-STA-002.2-2022 to include professionals specializing in: PSAP/ECC Operations, telecommunicators, supervisors, managers, administration; Occupational wellbeing, stress management, overall wellness; Occupational wellness applications and technology. Experts, including operational and technical SMEs in the User, Producer, and General Interest categories per Section 3 of NENA-ADM-001.6.1-2026 (<https://www.nena.org/page/standards>). In addition, anyone with an interest in these areas is welcome to join. To join: <https://www.nena.org/page/Wellbeing911>.

NENA (National Emergency Number Association)

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

BSR/NENA STA-030.2-202x, NENA Standard for the Non-Conventional Means of Communicating with 9-1-1 (revision and redesignation of ANSI/NENA STA-030.1-2025)

Interest Categories: NENA seeks volunteers for the revision of NENA Standard for the Non-Conventional Means of Communicating with 9-1-1, NENA-STA-030.1-2025 to include operational and technical professionals specializing in: PSAP/ECC operations: telecommunicators, supervisors, administration, Originating Service Provider (OSP) technical, NG9-1-1 technologies, applications providers, related. Experts, including operational and technical SMEs in the User, Producer, General Interest categories per Section 3 of NENA-ADM-001.6.1-2026 (<https://www.nena.org/page/standards>). In addition, anyone with an interest in these areas is welcome to join: <https://www.nena.org/page/Non-ConventionalMeans911>.

RESOLVE (Resolve, Inc.)

2445 M Street, NW, Suite 550, Washington, DC 20037 | pr3standards@resolve.ngo, www.resolve.ngo

BSR/RESOLVE RES-006-202x, Reusable packaging systems design standard: Collection point design (new standard) (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 829 om-202x, Score quality test (revision of ANSI/TAPPI T 829 om-2021)

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | tjenkins@tiaonline.org, www.tiaonline.org

BSR/TIA 455-32-B-202x, FOTP-32 Fiber Optic Circuit Discontinuities (new standard)

ULSE (UL Standards and Engagement)

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

BSR/UL 1082-202x, Standard for Household Electric Coffee Makers and Brewing-Type Appliances (revision of ANSI/UL 1082-2024)

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

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ASSP - American Society of Safety Professionals

Effective October 16, 2026

The reaccreditation of **ASSP - American Society of Safety Professionals** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASSP-sponsored American National Standards, effective **October 16, 2026**. For additional information, please contact: Lauren Bauerschmidt, American Society of Safety Professionals (ASSP) | 520 N. Northwest Highway, Park Ridge, IL 60068 | (847) 768-3475, LBauerschmidt@assp.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

ASA - Acoustical Society of America - Acoustics

Meeting Time: Tuesday, December 1, 2026 10:00 AM CT | 11:00 AM ET -1:00 PM CT | 2:00 PM ET

ASACOS Steering Committee Meeting

Tuesday, December 1, 2026

10:00 AM CT | 11:00 AM ET

Virtual Meeting

ASA Committee on Standards (ASACOS) Meeting

Tuesday, December 1, 2026

1:00 PM CT | 2:00 PM ET

Virtual Meeting

For inquiries please contact: Raegan J. Ripley, Acoustical Society of America (ASA) | 1305 Walt Whitman Road, Suite 300, Melville, NY 11747 | (516) 576-2341, standards@acousticalsociety.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.

AAMI

Association for the Advancement of
Medical Instrumentation
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Arlington, VA 22203
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Gigi Golriz
ggolriz@aami.org

ABYC

American Boat and Yacht Council
613 Third Street, Suite 10
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Emily Parks
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ACCA

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David Bixby
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ACI

American Concrete Institute
38800 Country Club Drive
Farmington Hills, MI 48331
www.concrete.org

Shannon Banchemo
shannon.banchemo@concrete.org

ANS

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

Kathryn Murdoch
kmurdoch@ans.org

APTech (ASC CGATS)

Association for Print Technologies
450 Rev Kelly Smith Way
Nashville, TN 37203
www.printtechnologies.org

Adam Dewitz
standards@aptech.org

ASC X9

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

Ambria Calloway
ambria.frazier@x9.org

ASCE

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1801 Alexander Bell Drive
Reston, VA 20190
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ASHRAE

American Society of Heating, Refrigerating
and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
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Carmen King
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ASTM

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

Meredith Klein
accreditation@astm.org

CSA

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

Thuy Ton
ansi.contact@csagroup.org

CTA

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

Karis Lee
klee@cta.tech

ECIA

Electronic Components Industry
Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

Laura Donohoe
ldonohoe@ecianow.org

EOS/ESD

ESD Association, Inc.
218 W. Court Street
Rome, NY 13440
<https://www.esda.org>

Christina Earl
cearl@esda.org

IAPMO (ASSE Chapter)

ASSE International Chapter of IAPMO
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448
www.asse-plumbing.org

Terry Burger
standards@iapmostandards.org

IAPMO (Z)

International Association of Plumbing &
Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
<https://www.iapmostandards.org>

Terry Burger
standards@iapmostandards.org

IEEE

Institute of Electrical and Electronics
Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Suzanne Merten
s.merten@ieee.org

IICRC

The Institute of Inspection, Cleaning and
Restoration Certification
4043 S Eastern Ave.,
Las Vegas, NV 89119
<https://www.iicrc.org>

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NEMA (ASC C137)

National Electrical Manufacturers
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1812 N. Moore Suite 2200
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NENA

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1700 Diagonal Road Suite 500, Suite 500
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One Batterymarch Park
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NSF

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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

Acoustics (TC 43)

ISO/DIS 7235, Acoustics - Laboratory measurement procedures for ducted silencers and air-terminal units - Insertion loss, flow noise and total pressure loss - 12/21/2026, \$125.00

Biotechnology (TC 276)

ISO/DIS 21973, Biotechnology - General requirements for transportation of cellular therapeutic products - 12/20/2026, \$82.00

Cinematography (TC 36)

ISO 2969:2015/DAmD 1, - Amendment 1: Cinematography - B-chain electro-acoustic response of motion-picture control rooms and indoor theatres - Specifications and measurements - Amendment 1 - 12/18/2026, \$40.00

Cork (TC 87)

ISO/DIS 26570, Cork powder - Size analysis by mechanical sieving - 12/21/2026, \$40.00

Furniture (TC 136)

ISO/DIS 25678, Children's furniture - Cribs - Safety requirements and test methods - 12/19/2026, \$107.00

Nuclear energy (TC 85)

ISO/DIS 19443, Quality management systems - Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS) - 12/31/2026, \$125.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 23762, Protective clothing - Enhanced visibility warning clothing for medium risk situations - Test methods and requirements - 12/20/2026, \$71.00

Project committee: Asset management (TC 251)

ISO/DIS 55002, Asset management - Management systems - Guidelines for the application of ISO 55001 - 12/19/2026, \$134.00

Quality management and corresponding general aspects for medical devices (TC 210)

ISO/DIS 15223-2, Medical devices - Symbols to be used with information to be supplied by the manufacturer - Part 2: Symbol development, selection and validation - 12/20/2026, \$67.00

Railway applications (TC 269)

ISO/DIS 19659-1, Railway applications - Heating, ventilation and air conditioning systems for rolling stock - Part 1: Terms and definitions - 12/20/2026, \$77.00

Refrigeration (TC 86)

ISO/DIS 24280, Data from air conditioning and heat pumps for energy efficiency simulation of building systems - 12/18/2026, \$77.00

Ships and marine technology (TC 8)

ISO/DIS 799-1, Ships and marine technology - Pilot ladders - Part 1: Design and specification - 12/18/2026, \$98.00

Small tools (TC 29)

ISO/DIS 8020, Tools for pressing - Punches with cylindrical head and straight or reduced shank - 12/18/2026, \$53.00

ISO/DIS 9448-3, Tools for pressing - Guide bushes - Part 3: Form B, ball cage bushes, plain, type 1 - 12/28/2026, \$33.00

ISO/DIS 9448-5, Tools for pressing - Guide bushes - Part 5: Form D, ball cage bushes, headed, type 1 - 12/28/2026, \$40.00

ISO/DIS 9448-8, Tools for pressing - Guide bushes - Part 8: Form G, gliding bushes, stepped, type 1 - 12/28/2026, \$33.00

ISO/DIS 9448-9, Tools for pressing - Guide bushes - Part 9: Form B, ball cage bushes, plain, type 2 - 12/28/2026, \$33.00

Surface chemical analysis (TC 201)

ISO/DIS 21133, Surface chemical analysis - Analysis of tin based metallic coatings by glow discharge optical emission spectrometry - 12/18/2026, \$98.00

Transfusion, infusion and injection equipment for medical use (TC 76)

ISO/DIS 8871-2, Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 2: Identification and characterization - 12/21/2026, \$71.00

Vacuum technology (TC 112)

ISO/DIS 21360-7, Vacuum technology - Standard methods for measuring vacuum-pump performance - Part 7: fluid entrainment vacuum pumps - 12/18/2026, \$82.00

Welding and allied processes (TC 44)

ISO/DIS 14113, Gas welding equipment - Rubber and plastics hose and hose assemblies for use with industrial gases up to 45 MPa (450 bar) - 12/20/2026, \$62.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 25420, Information technology - User interfaces - Multimodal interaction for customer service systems - 12/19/2026, \$102.00

ISO/IEC DIS 31303, Information technology - Trustworthiness - Overview and concepts - 12/20/2026, \$107.00



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

Blockchain and distributed ledger technologies (TC 307)

[ISO 20435:2026](#), Framework for representing physical assets using tokens, \$258.00

Freight containers (TC 104)

[ISO 1161:2026](#), Series 1 freight containers - Corner and intermediate fittings - Specifications, \$193.00

Geographic information/Geomatics (TC 211)

[ISO 19123-2:2026](#), Geographic information - Schema for coverage geometry and functions - Part 2: Coverage implementation schema, \$291.00

Governance of organizations (TC 309)

[ISO 37304:2026](#), Compliance management systems - Requirements for bodies providing audit and certification of compliance management systems, \$143.00

Light metals and their alloys (TC 79)

[ISO 3116:2026](#), Magnesium and magnesium alloys - Wrought magnesium and magnesium alloys, \$227.00

Mechanical testing of metals (TC 164)

[ISO 1099:2026](#), Metallic materials - Fatigue testing - Axial force-controlled method, \$193.00

Natural gas (TC 193)

[ISO 24832-1:2026](#), Natural gas upstream area - Determination of pore structure and mineral content for shale - Part 1: Scanning electron microscopy with energy dispersive spectrometer, \$143.00

Paints and varnishes (TC 35)

[ISO 11998:2026](#), Paints and varnishes - Determination of wet-scrub resistance of coatings, \$143.00

[ISO 3219-3:2026](#), Rheology - Part 3: Test procedure and examples for the evaluation of results when using rotational and oscillatory rheometry, \$258.00

Pigments, dyestuffs and extenders (TC 256)

[ISO 787-24:2026](#), General methods of test for pigments and extenders - Part 24: Photometric methods for determining the relative tinting strength of coloured pigments and the relative scattering power of white pigments, \$96.00

Plastics (TC 61)

[ISO 24862:2026](#), Plastics - Polyols for use in the production of polyurethanes - Determination of degree of unsaturation for polyols by Raman spectrometric method, \$193.00

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

[ISO 4437-1:2026](#), Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 1: General, \$193.00

[ISO 4437-2:2026](#), Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 2: Pipes, \$193.00

[ISO 4437-3:2026](#), Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 3: Fittings, \$227.00

Robots and robotic devices (TC 299)

[ISO 21423:2026](#), Robotics - Industrial mobile robots - Communications and interoperability, \$324.00

Steel (TC 17)

[ISO 14656:2026](#), Steel - Epoxy powder and sealing material for the coating of steel for the reinforcement of concrete, \$96.00

Tourism and related services (TC 228)

[ISO 18980:2026](#), Tourism and related services - Camping tourism - Requirements and recommendations for campsite facilities and services, \$96.00

ISO Technical Specifications

Plastics (TC 61)

[ISO/TS 24858:2026](#), Plastics - Conducting materials - Eddy current measurement on spread carbon fibre tow, \$143.00

Traditional Chinese medicine (TC 249)

[ISO/TS 22358:2026](#), Traditional Chinese medicine - Procedure for reporting indoor air quality when combusting moxibustion devices, \$143.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 27090:2026](#), Cybersecurity - Artificial intelligence (AI) - Addressing security threats and compromises to AI systems, \$291.00

IEC Standards

Capacitors and resistors for electronic equipment (TC 40)

[IEC 62813 Ed. 2.0 b Cor.1:2026](#), Corrigendum 1 - Lithium ion capacitors for use in electric and electronic equipment - Test methods for electrical characteristics, \$0.00

Electrical accessories (TC 23)

[IEC 63407 Ed. 1.0 b:2026](#), Conductive charging of electric vehicles - Contact interface for automated connection device (ACD), \$542.00

[IEC 63407 Ed. 1.0 en:2026](#), Conductive charging of electric vehicles - Contact interface for automated connection device (ACD), \$542.00

Fibre optics (TC 86)

[IEC 60794-3-11 Ed. 3.0 b:2026](#), Optical fibre cables - Part 3-11: Outdoor cables - Detailed specification for duct, directly buried, and lashed aerial optical fibre telecommunication cables, \$299.00

[IEC 60794-3-11 Ed. 3.0 en:2026](#), Optical fibre cables - Part 3-11: Outdoor cables - Detailed specification for duct, directly buried, and lashed aerial optical fibre telecommunication cables, \$299.00

[IEC 60794-3-11 Ed. 3.0 en:2026 CMV](#), Optical fibre cables - Part 3-11: Outdoor cables - Detailed specification for duct, directly buried, and lashed aerial optical fibre telecommunication cables, \$599.00

Surge arresters (TC 37)

[IEC 61643-11 Ed. 2.0 b Cor.1:2026](#), Corrigendum 1 - Low-voltage surge protective devices - Part 11: Surge protective devices connected to AC low-voltage power systems - Requirements and test methods, \$0.00

IEC Technical Specifications

Standard voltages, current ratings and frequencies (TC 8)

[IEC/TS 63102 Ed. 2.0 en:2026](#), Grid code compliance assessment methods for grid connection of renewable energy power plants, \$542.00

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 Subcommittees

ISO/IEC JTC 4 – Smart and sustainable cities and communities

ISO/IEC JTC 4/SC 1 – Smart Community Infrastructures

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Smart Community Infrastructures (ISO/IEC JTC 4/SC 1)

The ISO/IEC JTC 4/SC 1 Secretariat has been assigned to Japan (JISC).

ISO/IEC JTC 4/SC 1 operates under the following scope:

Standardization in the field of smart community infrastructure, including basic concepts to define and describe smartness of community infrastructure as an integrative large-scale product, harmonized metrics for benchmarking, usage of the metrics for application to the diverse types of communities, and specifications for measurement/reporting/verification. JTC 4/SC1 focuses on technical aspects of smart community infrastructure which are basic structures that support the operation and activities of urban communities, e.g. energy, water, resource management systems, ICT infrastructure. The concept of smartness is addressed in terms of performance relevant to technologically implementable solutions, based on multiple aspects including sustainability.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U. S. TAG should contact ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Establishment of ISO Subcommittees

ISO/IEC JTC 4 – Smart and sustainable cities and communities

ISO/IEC JTC 4/SC 2 - Sustainable Mobility and Transportation

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Sustainable Mobility and Transportation (ISO/IEC JTC 4/SC 2).

The ISO/IEC JTC 4/SC 2 Secretariat has been assigned to Japan (JISC).

ISO/IEC JTC 4/SC 2 operates under the following scope:

Standardization in the field of Sustainable mobility and transportation will promote and support a multi-sectorial integrated approach of sustainable cities and communities with a long-term vision based on the purposes of sustainability defined in ISO 37101. The Subcommittee will consider organizational issues, infrastructures and services in the mobility and transportation options for cities and communities, including those related to new technologies (i.e. electric, hydrogen, autonomous). The proposed series of International Standards will provide requirements, frameworks, guidance and supporting techniques and tools for cities and territories, as well as all mobility and transportation stakeholders to plan, develop, operate, maintain and manage sustainable mobility and transportation systems and services with a long-term vision.

Excluded: Road Vehicles covered by ISO/TC 22, Intelligent transport systems covered by ISO/TC 204, Railway applications covered by ISO/TC 269, and Electrical equipment and systems for railways covered by IEC/TC 9.

Note: To ensure the development of a consistent set of standards on Sustainable mobility, JTC 4/SC2 will liaise with relevant ISO and IEC committees.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U. S. TAG should contact ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Establishment of ISO Subcommittees

ISO/IEC JTC 4 – Smart and sustainable cities and communities

ISO/IEC JTC 4/SC 3 – Digitalization Aspects

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Digitalization Aspects (ISO/IEC JTC 4/SC 3)

The ISO/IEC JTC 4/SC 3 Secretariat has been assigned to China (SAC).

ISO/IEC JTC 4/SC 3 operates under the following scope:

Standardization in the field of ICT and digitalization aspects for smart and sustainable cities and communities, including the development of the requirements, framework, guidance, techniques and tools, smart processes, and considerations associated with data and ontology to support the services of smart and sustainable cities and communities.

Excluded: Horizontal information technologies covered by ISO/IEC JTC 1.

Note 1: The deliverables include standards related to ICT framework, ICT measurement, smart processes, city digital platforms, data model, data processing, data management, data use, knowledge management and knowledge trustworthiness, ICT infrastructure, and the integration of enabling technologies (IoT, Cloud Computing, Big Data, AI, digital representation, etc.) in the context of smart and sustainable cities and communities.

Note 2: It develops standards on the ICT applications and services collaborating with ISO/IEC JTC 1 and other horizontal and vertical domain TCs and SCs in ISO, IEC, and elsewhere, and within JTC 4, respecting the expertise and leadership of the collaborated TCs and SCs.

Note 3: It includes the machine-readable standards supporting the construction and operation of smart and sustainable cities and communities associated with ISO/IEC SMART Program.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Establishment of ISO Subcommittees

ISO/IEC JTC 4 – Smart and sustainable cities and communities

ISO/IEC JTC 4/SC 4 - Systems Aspects of Smart and Sustainable Cities and Communities

ISO/IEC JTC 4 – Smart and sustainable cities and communities has created a new ISO Subcommittee on Systems Aspects of Smart and Sustainable Cities and Communities (ISO/IEC JTC 4/SC 4).

The ISO/IEC JTC 4/SC 4 Secretariat has been assigned to China (SAC).

ISO/IEC JTC 4/SC 4 operates under the following scope:

Standardization of system aspects of smart and sustainable cities and communities encompassing the following work:

- Developing detailed descriptions of city systems and domains, their stakeholders and the needs of the different stakeholders for standards.
- Facilitating the interaction, synergy, and integration of city and community components and domains.
- Establishing general methods and requirements for system architecture design, concept systems and consistent terminology development, model development, process optimization, and cross-sectoral collaboration.
 - Formulating technical specifications, technical reports, and international standards, with the aim of:
 - Supporting effective collaboration within JTC4, and more widely in ISO and IEC, to address standardization needs in a synergistic way.
 - Guiding cities on how to implement holistic smart and sustainable city strategies and to assemble packages of standards to enhance the overall synergy, resilience, and sustainability of urban development.

It will also act as a focal point within JTC4 for the role of electrotechnology in supporting the integration, interoperability and effectiveness of city systems. In addition, the Subcommittee:

- will act as the Centre of Expertise within JTC4 on the systems approach.
- will actively collaborate with other groups within JTC4 on standards work related to the systems approach.
- will collaborate with committees outside of JTC4 to draw on their specialist expertise and to help inform their work on standards relating to smart and sustainable cities and communities.

NEMA has indicated its intent to administer the U.S. TAG. Organizations interested in 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.



**BSR/ASHRAE/ACCA Addendum c
to ANSI/ASHRAE/ACCA Standard 211-2018 (RA 2023)**

**Publication Review
Draft**

Proposed Addendum c to Standard 211-2018 (RA 2023), Standard for Commercial Building Energy Audits

**First Publication Public Review (October 2026)
(Draft Shows Proposed Changes to Current Standard)**

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

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

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

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ASHRAE; 180 Technology Parkway; Peachtree Corners, GA 30092

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

FOREWORD

This addendum adds a definition for ‘transportation vehicle energy’, and includes a revised Figure 1 clarifying how transportation vehicle energy is accounted for.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum c

Add definition for transportation vehicle energy:

Add definitions to Section 3.1 as follows:

transportation vehicle energy: energy used to recharge or refuel vehicles that are used for off-site transportation purposes.

Clarify End Uses not included in this Standard in Section 5.1.1:
Add Transportation Vehicle Energy to items not included in this standard. Clarify the items included as Conveyance systems. Changed text is underlined:

5.1 Scope of Systems

5.1.1 Scope of Energy Audit

The scope of the energy audit shall include the following systems, as applicable to the building:

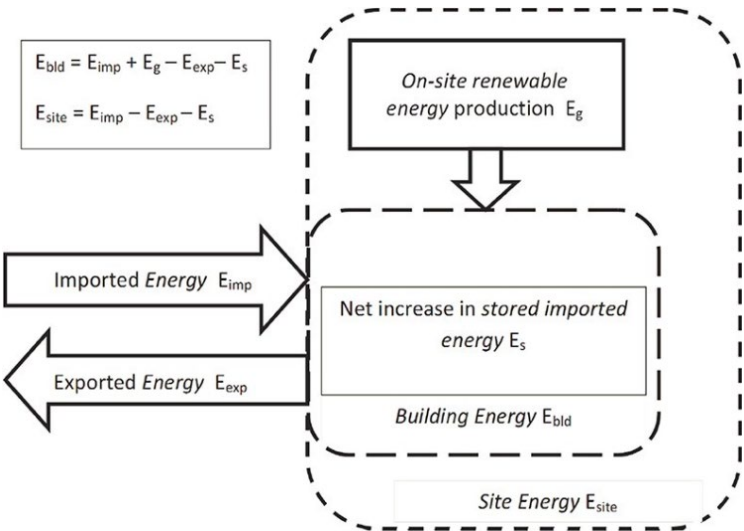
- a. Envelope (including infiltration, exfiltration, and stack effect pathways)
- b. Lighting (interior and exterior)
- c. HVAC (cooling, heating, air distribution, ventilation and exhaust systems [including those to meet loads due to laundry and mail chutes])
- d. Building automation systems (BASs)
- e. Heating, chilled, condenser, and domestic water systems and associated pumps
- f. Steam systems
- g. Refrigeration (except for food processing refrigeration)
- h. Onsite power generation equipment, including renewable energy systems
- i. Uninterruptible power supplies, power distribution units, and critical power systems
- j. Data centers and information technology infrastructure
- k. Conveyance systems (escalators, elevators, baggage handling, moving sidewalks, forklifts, conveyors and similar). Note: this does not include transportation vehicle energy.
- l. Plug loads (including office equipment, personal computers, appliances)
- m. Laundries
- n. Food preparation
- o. Pools, saunas, and spas

The following end uses are not included in this standard:

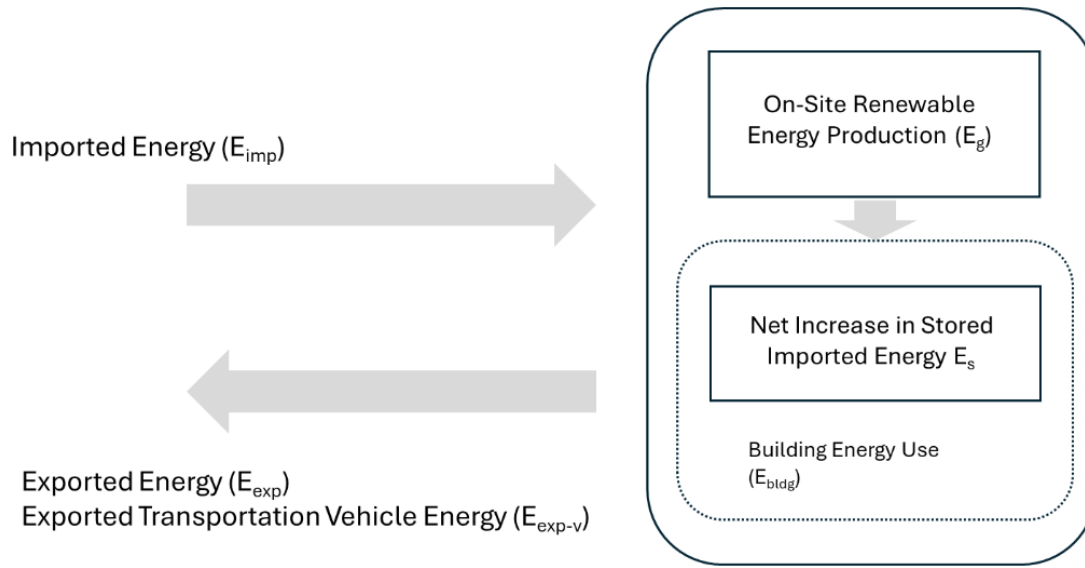
- a. Industrial processes
- b. Agricultural processes
- c. Transportation Vehicle Energy
- d. Irrigation

Update to Figure 1 Relationship of site energy (E_{site}) and building energy (E_{bld}):
Existing Figure 1 has been removed:

Figure 1 to be removed:



The following Figure 1 will be added:



Supporting Text for Figure 1:
 Add supporting text to Section 5.1

Where,

E_{bld} = Energy used within the building boundary

E_{site} = Energy used within the site boundary

E_{imp} = Imported Energy

E_{exp} = Exported Energy

E_g = On-Site Renewable Energy Production

E_s = Net increase in energy stored on site

E_{exp-v} = Exported Transportation Vehicle Energy*

And building and site energy use is calculated as specified in Equation 1 and Equation 2, respectively:

$$E_{bldg} = (E_{imp} + E_g) - (E_s - E_{exp} - E_{exp-v})$$

$$E_{site} = (E_{imp} - E_s - E_{exp} - E_{exp-v})$$

Summary of changes for ESD STM12.1-202x - ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Seating – Resistance Measurement

1.2 Scope

NOTE: Measurements ~~may-can~~ be limited ~~in-accuracy~~ below 1.0×10^3 ohms. The lowest measurement value will be limited to the value obtained in Annex A.2.

5.0 TEST EQUIPMENT AND CONDITIONS

5.2 Resistance Measurement Electrode(s)

A cylindrical electrode that shall be $2.27 \text{ kg} \pm 0.06 \text{ kg}$ with a diameter of $63.5 \text{ mm} \pm 3 \text{ mm}$, having a contact surface made of electrically conductive elastomer (such as rubber) with a Shore-A durometer hardness between 50 and 70 as per ASTM D2240. The resistance between two of these electrodes ~~shall-should~~ be less than ~~or-equal-to~~ 1.0×10^3 ohms when measured at 10 volts on a metallic surface. See Annex A.2.

5.3 Specimen Support Surface

A planar (flat) surface, when used for specimen support, shall ensure that the specimens being tested do not contact any other surface or shall be at least as large as the sample specimens being tested.

~~The specimen support surface shall be verified before the material is tested to ensure that it meets the surface resistance requirement in the same humidity conditions at which the material will be tested. The specimen support surface shall be measured in the same humidity conditions at which the material will be tested.~~

NOTE: The specimen support surface should be conditioned together with the specimen.

5.4 Metal Plate

Shall be a planar (flat) conductive metal such as a stainless-steel plate. The thickness ~~must-shall~~ support the weight of the specimen without becoming distorted. Suggested dimensions are 150 mm x 150 mm or any size ~~which-that~~ covers the groundable point of the seating-specimen and one resistance measurement electrode, and a thickness of 1.5 mm.

5.5 Controlled Test Environment

Shall be an environment that ~~can-meets~~ the following conditions:

12% $\pm$ 3% RH at a temperature of $23^\circ\text{C} \pm 3^\circ\text{C}$.

The test equipment and samples-specimen shall remain in this environment until all testing is completed.

6.0 TEST PROCEDURES

6.2 Determine Number of Groundable Points Required for Testing

10. Energize the measurement equipment at 100 volts. Record the resistance after the ~~instrument's-known electrification-time~~measurement has stabilized or a maximum of 15 seconds.

6.3 Measurements

10. Energize the measurement equipment at 100 volts. Record the resistance after the ~~instrument's-known electrification-time~~measurement has stabilized or a maximum of 15 seconds.

6.4 Reporting of Test Results

The following should be reported:

- serial numbers and/or lots of the specimens qualified

ANNEX A (NORMATIVE) – Verification Procedure ~~of~~ **FOR THE** Measurement Set-up

For verification of the measurement set-up, including the resistance measurement apparatus, called the meter, the resistance measurement electrodes, called the electrodes, and test leads, the following steps should be performed:

- Verification of the resistance measurement apparatus.
- Determine the measurement capability of the lower limit for the entire metrology set-up (including resistance meters, ~~able~~test leads, and electrodes).
- Determine the measurement capability of an upper limit for the entire metrology set-up.

A.1 Verification of the Resistance Measurement Apparatus

Check the resistance measurement apparatus by measuring two or more known resistors (see Figure 4), for example, from a resistor decade box. Use a resistor of 1.2×10^3 ohms ~~for to verify~~ the lowest resistance range of the meter, as defined in Section 5.1 (1.0×10^3 ohms), and a resistor of 8.0×10^9 ohms ~~for to verify~~ the highest resistance range as described in Section 5.1 (1.0×10^{10} ohms), each with a tolerance equal to or better than $\pm 5\%$.

NOTE: If a meter with a broader resistance range than defined in Section 5.1 is used, a resistor with a value 20% above the lowest resistance range of the meter, and a resistor with a value 20% below the highest resistance range may be used, a resistor with a value equal to the lowest resistance range of the meter, and a resistor with a value equal to the highest resistance range may be used.

1. Connect the meter to the resistor (Figure 4) or the resistor decade box via an appropriate method.
2. Set the meter test voltage to 10 volts for a resistor value of less than 1.0×10^6 ohms and to 100 volts for a resistor value greater than 1.0×10^6 ohms.
3. Apply the test voltage and record the resistance after the measurement has stabilized or after 5 seconds for a resistor value of less than 1.0×10^6 ohms or after 15 seconds for a resistor value greater than 1.0×10^6 ohms ~~has elapsed~~.

In case of abnormal deviation of the measured resistance value from the expected nominal value (larger greater than 10%), send the resistance measurement apparatus for calibration or repair.

A.2 Determine Measurement Capability of Lower Limit for the Entire Measurement Set-up

The electrodes and metal plate shall be cleaned with an isopropanol-water solution (for example, 70% isopropanol (IPA) using deionized, distilled, or purified water) using a clean, lint-free cloth. The cleaned electrodes and metal plate shall be allowed to air dry before measurement.

1. Place the electrodes on the metal plate, not touching each other.
2. Connect the meter with the test leads to each of the electrodes (Figure 5).
3. Set the meter test voltage to 10 volts.
4. Apply the test voltage and record the resistance after the measurement has stabilized or after 5 seconds ~~have elapsed~~.

The measured resistance shall be less than or equal to 1.0×10^3 ohms. If the measured resistance value is greater than 1.0×10^3 ohms, ~~clean the resistance measurement electrodes,~~ verify the continuity of the two measurement-test leads, and verify that the resistance measurement apparatus is capable of measuring resistance values of 1.0×10^3 ohms or less. If the problem persists, repair or replace the measurement equipment.

A.3 Determine Measurement Capability of Upper Limit for the Entire Measurement Set-up

The electrodes and metal plate shall be cleaned with an isopropanol-water solution (for example, 70% isopropanol (IPA) using deionized, distilled, or purified water) using a clean, lint-free cloth. The cleaned electrodes and metal plate shall be allowed to air dry before measurement.

1. Place the electrodes on a specimen support surface as defined in Section 5.3, not touching each other. If the electrodes are held by personnel during the measurement (for example, when measuring the backrest), the measurement of the upper limit shall also be done with personnel holding the electrodes.

2. Connect the meter with the leads to each of the electrodes (Figure 6).
3. Set the meter test voltage to 100 volts.
4. Apply the test voltage and record the resistance after the measurement has stabilized or after 15 seconds ~~have elapsed~~.

The measured resistance shall be equal to or greater than 1.0×10^{10} ohms. If the measured resistance value is less than 1.0×10^{10} ohms, verify that the electrodes and the leads are not touching each other and that the resistance measurement apparatus is capable of measuring resistance values of 1.0×10^{10} ohms or larger. If the problem persists, repair or replace the measurement equipment.

ASSE 1012-202y



Performance Requirements for
Performance Requirements for
Backflow Preventers with an Intermediate
Atmospheric Vent - B2

PUBLIC REVIEW DRAFT



3.12 Flow with Low Supply Pressure

3.12.1 Purpose

The purpose of this test is to determine the pressure loss through the device at 10.0 psi (68.9 kPa) and a flow of not less than 20% of its rated flow capacity.

3.12.2 Procedure

1. [The test system shall comply with Figure 1.](#)
2. [Set upstream flowing pressure at \$10 \pm 1\$ psi \(\$68.9 \pm 6.9\$ kPa\). Repeat 3.11.2.1 and 3.11.2.2.](#)
3. [Record the flow rate through the device.](#)

3.12.3 Criteria

Failure to achieve the minimum required flow rate as shown in Table 3 at or below the maximum allowable pressure loss shall result in a rejection of the device.

Table 3

Nominal Pipe Size		Flow Rate		Maximum Allowable Pressure Loss	
NPS	DN	GPM	L/min	psi	kPa
¼	8	0.5	1.9	10.0	(68.9)
⅜	10	1.0	3.8	10.0	(68.9)
½	15	1.5	5.7	10.0	(68.9)
¾	20	2.7	10.2	10.0	(68.9)

3.13 Deterioration at Extremes of Manufacturer's Temperature Range

3.13.1 Purpose

The purpose of this test is to evaluate the material's performance at extremes in temperature. The memory of any materials, when exposed to water at extremes of the manufacturer's temperature range which is essential to the continued functioning of the device, shall not be adversely affected as evidenced by compliance with Sections 3.6, 3.7 and 3.10 of this ~~standard~~[Standard](#).

3.13.2 Procedure

1. The device shall be installed per Figure ~~6~~[11](#), with a reservoir located above the heater and a pump capable of circulating water as listed in Table 3, through the device continuously. [The reservoir shall be closed but vented to atmosphere.](#)
2. [Water shall be circulated through the device for a total of 80 hours over no more than 12 days. The device and piping shall be insulated to maintain \$210^{\circ}\text{F} + 0^{\circ}\text{F} / - 5^{\circ}\text{F}\$ \(\$98.9^{\circ}\text{C} + 0^{\circ}\text{C} / - 2.8^{\circ}\text{C}\$ \) through the device. The laboratory shall have the option to use closed recirculation systems in lieu of the vented reservoir.](#)
3. [Following the 80-hr test, choose one of the following:](#)

2. _____

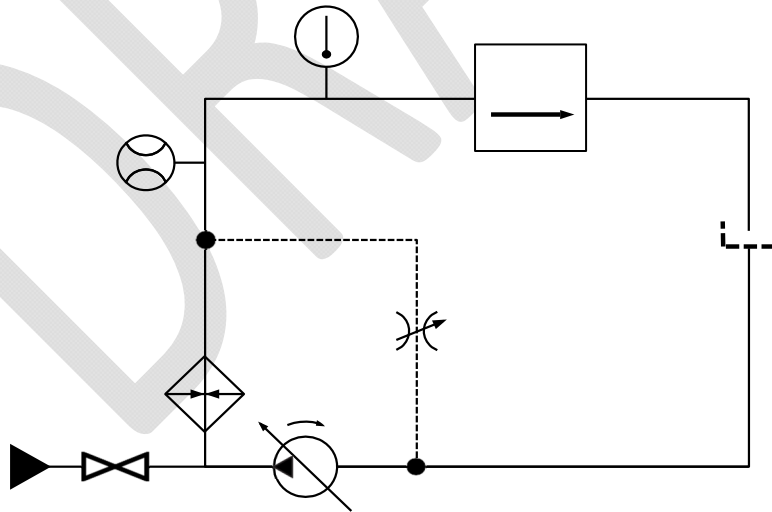
- a. Connect ~~Following the 80-hour test,~~ the outlet of the device ~~shall be connected~~ to a ~~source of steam~~ steam source capable of maintaining ~~at~~ a pressure of 15.0 ± 1 psi (103.4 ± 6.9 kPa) and a temperature of, $250.0 \pm 0/-5$ °F ($121.1 \pm 0/-2.8$ °C) according to Figure 12. The device and connecting piping shall be insulated as necessary to maintain the required conditions. The device shall be exposed to steam at a pressure of 15.0 ± 1 psi (103.4 ± 6.9 kPa) ~~for one (1) hour~~; or.
- b. Configure the device in its normal installed orientation unless otherwise specified by the manufacturer. Place the device in an autoclave chamber such that the saturated steam can circulate freely around the device. Operate the autoclave using steam at a pressure of 15.0 ± 1 psi (103.4 ± 6.9 kPa) and a temperature of $250.0 \pm 0/-5$ °F ($121.1 \pm 0/-2.8$ °C). After the autoclave reaches the specified temperature and pressure conditions, the device shall be exposed to steam for 1 hour.
- Note: The device does not need to be connected to a steam source during the autoclave procedure. The purpose of the autoclave exposure is to subject the device materials and components to equivalent steam conditions.*

~~3.~~

- ~~4.~~ Following the steam test, run water at 40.0 ± 5 °F (4.4 ± 2.8 °C) through the device at the minimum flow rate for the device size listed in Table 4. After running water maintained at 40.0 ± 5 °F (4.4 ± 2.8 °C) through the device for at least ~~one (1) hour~~.
- ~~The device shall be retested per Sections 3.6, 3.7, and 3.10.~~

Figure 6

4.



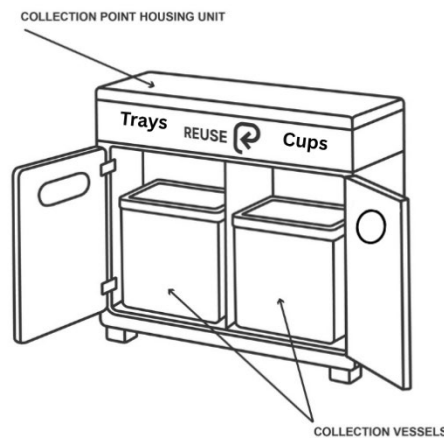
Proposed Revisions to RES-006: Reusable packaging system design standard — Collection point design

Note: Additions are shown as underlined text and deletions are shown as strikethrough.

A copy of the standard and rationale for changes available upon request. Contact pr3standards@resolve.ngo

3.1 Definitions

Figure 2
Example of collection point with a housing unit and two collection vessels



~~Reuse system operator (system operator, operator)~~—organization that coordinates the overall circulation of reusable packaging in a reuse system. ~~Reuse system operators might perform all the roles in the reuse system, including collecting, sorting, washing, distributing, refurbishing, decommissioning and digitally tracking containers, or they might create partnerships with other actors to perform some or all of these roles.~~

4.7 Design for end-of-use

Collection point, collection vessels and collection signage SHOULD be built with materials and components that can be disassembled, repaired, reused, repurposed, and/or recycled.

5.4 Operating control requirements

Notes:

6) *Collection points that are designed for outdoor use where bears and other animals ~~or pests~~ are a significant concern are exempted from 5.4 b), c), and d) per Clause 10 below.*

7 Marking requirements

7.1 Collection vessel marking, labeling and signage

If the collection point housing unit incorporates multiple collection vessels for different collection streams, each collection vessel, or the opening to a collection vessel, SHALL incorporate marking, labeling, or signage that at a minimum:

- a. describes the type of container(s) that go into the collection vessel, and
- b. can be easily seen by both workers and users.

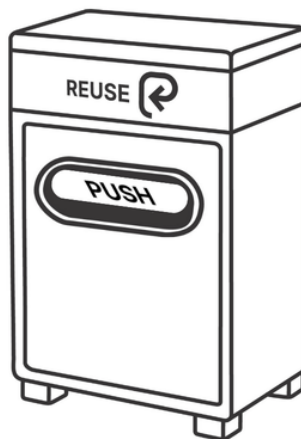
9 Return incentives

Note: RES-003 Section 7 specifies the types of information that should be marked on collection points or accompanying signage, including instructions for return and redeeming return incentives where applicable. RES-003 also recommends that return values be marked on containers where applicable.

10 Additional requirements for outdoor collection points

Outdoor collection points MAY be designed with flaps, latched doors, or other features to prevent animals ~~or pests~~ from entering. See Figure 13 below.

Figure 13
Example of collection points with flap to deter animals ~~pests~~
 (See Clause [10](#))



Outdoor collection points that are designed for outdoor use where bears and other animals ~~or pests~~ are a significant concern MAY be exempted from [5.4](#) b), c), and d).

11 Additional recommendations for collection points intended for public placement

The strength and complexity of anti-theft mechanisms incorporated into collection points SHOULD be determined with consideration for their possible impact on collection point cost, operational resilience, and user convenience.

Annex A

A.1 Collection vessel design

Collection vessels SHOULD be sealable, that is, have a lid or the ability to be tied closed.

Note: *A sealable collection vessel is recommended to help prevent or mitigate animals ~~pests~~ and ~~other~~ hazards from entering between the time the vessel is collected and the time the containers are recovered and washed. A seal might not be necessary in situations where containers are collected frequently and washed onsite.*

BSR/UL 1004-9, Standard for Safety for Standard for Form Wound and Medium Voltage Rotating Electrical Machines

1. Additional Options for Special Generators & Associated Editorial Changes

PROPOSAL

1.1 This Standard is intended to be read together with the Standard for Rotating Electrical Machines – General Requirements, UL 1004-1, and the Standard for Electric Generators, UL 1004-4. For machines covered by UL 1004-9, only the following Sections of UL 1004-1 are applicable: Components; Mechanical Assembly; Frame and Enclosure; Grounding; Grounding Identification; Protection Against Corrosion; Factory Wiring Terminals and Leads; Spacings (when rated 1,000 V or less); and Current-Carrying Parts. For these Sections, the requirements of UL 1004-1 apply unless modified by this Standard.

1.5 Machines intended for use in hazardous locations as defined in ~~the National Electrical Code, NFPA 70~~ NFPA 70®, National Electrical Code® (NEC®), may have additional requirements to be met as specified in ~~the National Electrical Code, NFPA 70~~ NFPA 70®, National Electrical Code® (NEC®).

NFPA 70®, National Electrical Code®, and NEC® are registered trademarks of the National Fire Protection Association, Quincy, MA.

1.7 ~~These requirements do not cover special generators (such as hydrogen-cooled (turbo) generators) rated 10 MVA and above which are covered under IEEE C50.12, IEEE Standard for Salient-Pole 50 Hz and 60 Hz Synchronous Generators and Generator/Motors for Hydraulic Turbine Applications Rated 5 MVA and Above; IEEE C50.13, IEEE Standard for Cylindrical Rotor 50 Hz and 60 Hz Synchronous Generators Rated 10 MVA and Above; or IEC 60034-3, Rotating electrical machines – Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines. These requirements may cover special electrical generators when used in conjunction with one or more of the following supporting standards:~~

a) IEEE C50.12, IEEE Standard for Salient-Pole 50 Hz and 60 Hz Synchronous Generators and Generator/Motors for Hydraulic Turbine Applications Rated 5 MVA and Above;

b) IEEE C50.13, IEEE Standard for Cylindrical-Rotor 50 Hz and 60 Hz Synchronous Generators Rated 10 MVA and Above;

c) IEC 60034-1, Rotating Electrical Machines – Part 1: Rating and Performance;

d) IEC 60034-3, Rotating electrical machines – Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines;

e) IEC 60034-6, Rotating electrical machines – Part 6: Methods of cooling;

f) IEC 60034-7, Rotating electrical machines – Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code);

g) ISO 8528-1, Reciprocating internal combustion engine driven alternating current generating sets — Part 1: Application, ratings and performance;

h) ISO 8528-3, Reciprocating internal combustion engine driven alternating current generating sets — Part 3: Alternating current generators for generating sets;

i) ISO 8528-5, Reciprocating internal combustion engine driven alternating current generating sets — Part 5: Generating sets;9

j) ISO 8528-13, Reciprocating internal combustion engine driven alternating current generating sets — Part 13: Safety and/or

[k\) UL 60034-1, Rotating Electrical Machines – Part 1: Rating and Performance.](#)

4 Undated References Referenced Publications

4.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

4.2 The following publications are referenced in this Standard:

[UL/ULC 6200, Controllers for Use in Power Production](#)

[IEC 60034-1, Rotating Electrical Machines – Part 1: Rating and Performance](#)

[IEC 60034-3, Rotating electrical machines – Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators](#)

[IEC 60034-18-31, Rotating Electrical Machines – Part 18-31: Functional Evaluation of Insulation Systems – Test Procedures for Form-Wound Windings – Thermal Evaluation and Classification of Insulation Systems Used in Rotating Machines](#)

[IEC 60034-29, Rotating electrical machines – Part 29: Equivalent loading and superposition techniques – Indirect testing to determine temperature rise](#)

[IEC 61858-2, Electrical Insulation Systems – Thermal Evaluation of Modifications to an Established Electrical Insulation System \(EIS\) – Part 2: Form-Wound EIS](#)

[IEEE 112, Standard Test Procedure for Polyphase Induction Motors and Generators](#)

[IEEE 1776, Recommended Practice for Thermal Evaluation of Unsealed or Sealed Insulation Systems for AC Electric Machinery Employing Form-Wound Pre-Insulated Stator Coils for Machines Rated 15 000 V and Below](#)

[IEEE C50.12, 50 Hz and 60 Hz Synchronous Generators and Generator/Motors Coupled to Hydraulic Turbines and Rated 5 MVA and Above](#)

[IEEE C50.13, Cylindrical-Rotor 50 Hz and 60 Hz Synchronous Generators Rated 10 MVA and Above](#)

[ISO 8528-1, Reciprocating internal combustion engine driven alternating current generating sets — Part 1: Application, ratings and performance](#)

[ISO 8528-3, Reciprocating internal combustion engine driven alternating current generating sets — Part 3: Alternating current generators for generating sets](#)

[ISO 8528-5, Reciprocating internal combustion engine driven alternating current generating sets — Part 5: Generating sets](#)

[ISO 8528-13, Reciprocating internal combustion engine driven alternating current generating sets — Part 13: Safety](#)

[NFPA 70®, National Electrical Code® \(NEC®\)](#)

[UL 746C, Polymeric Materials – Use in Electrical Equipment Evaluations](#)

[UL 1004-1, Rotating Electrical Machines – General Requirements](#)

[UL 60034-1, Rotating Electrical Machines – Part 1: Rating and Performance](#)

[UL 60335-2-34, Household and Similar Electrical Appliances, Part 2: Particular Requirements for Motor-Compressors](#)

[UL 61800-5-1, Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal and Energy](#)

[5.6 SPECIAL ELECTRICAL GENERATORS – Special electrical generators refer to non-standard units \(e.g., custom-built\) that are designed for specific uses such as utility power production, data centers, marine applications, and railroad applications.](#)

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BSR/UL 4740, Standard for Safety for Lidar and Lidar Systems Used in Vehicles

1. UL 4740 Inclusive Language

PROPOSAL

Note that the recirculation of comments is intended solely to provide TC members with the opportunity to review the comments and responses and to either reconsider their vote or cast a first-time vote. New comments on the previously proposed revision for this Topic will not be provided with a specific response. Any additional desired changes should be submitted as a new proposal request via CSDS.

2. Lidar used in Hazardous atmospheres

PROPOSAL

11.6 Optical safety

Optical safety instructions shall be in accordance with IEC 60825-1, IEC 60825-2 and FDA/CDRH Code of Federal Regulations 21 CFR, Part 1040, as appropriate. Additionally, incoherent broadband instructions shall be in accordance with UL 62368-1.

For applications where [7.1.3](#) applies, the installation instructions shall indicate the following:

- The lidar or lidar system shall be installed in a location where direct viewing of radiation is not reasonably foreseeable;
- When the lidar or lidar system is installed onto the vehicle, all laser related labelling required per IEC 60825-1 and/or FDA/CDRH Code of Federal Regulations 21 CFR, Part 1040 shall be visible, as required by those standards;
- If the lidar or lidar system might be installed onto a vehicle in a manner that blocks, obscures, or obstructs the required IEC 60825-1 and/or FDA/CDRH Code of Federal Regulations 21 CFR, Part 1040 labelling, the manufacturer shall make available duplicate labelling and instructions for the labelling application so that the labelling will be visible after installation; and
- Special care should be taken for scenarios where the labelling might be obstructed unintentionally by dirt or other debris.
- During installation, caution should be taken by the installer to be aware of laser beam reflections off of the accessories or trim.

NOTE: These user information requirements are in addition to what is already required in IEC 60825-1 and FDA/CDRH Code of Federal Regulations 21 CFR, Part 1040.

~~—Class 3R lidar shall include statements in their instructions for use that caution the installer to be aware of reflections from accessories or trim.~~