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CONTENTS

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Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB BPR 021-202x, Best Practice Recommendation for the Preparation of Test Impressions from Footwear and Tires (revision of ANSI/ASB BPR 021-2019)
Stakeholders: Forensic science service providers, footwear and tire examiners, forensic legal community, forensic educators

Project Need: The purpose of creating test impressions from known footwear or tires is to record the characteristics on the outsole or tread and attempt to reproduce the conditions present when the questioned impression was made. This document provides guidance for the preparation of the two- and three-dimensional test impressions. This document is a revision to the first edition and provides clarifications and consistency needed.

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

This document provides best practice recommendations for forensic science service providers (FSSP), for the preparation of two- and three-dimensional test impressions from known footwear and tires for use in the comparison process. The recommendations in this document are not all-inclusive and may not cover all aspects of unusual or uncommon conditions. This document is not intended to replace a professional training program.

ACCA (Air Conditioning Contractors of America)

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

Supplement

BSR/Addendum B, ACCA 3 Manual S-202x, Residential Equipment Selection (supplement to ANSI/ACCA 3 Manual S -2023)
Stakeholders: HVAC System Designers, Contractors, Government Bodies, Utilities, HVAC Equipment Manufacturers, Consumers, Energy Consultants

Project Need: Based on ANSI/ACCA 3 Manual S - 2023, two definitions for sizing conditions are being revised to be consistent with the sizing condition requirements in the standard and therefore avoid possible confusion.

Interest Categories: HVAC System Designers and Installers, Government Code Bodies, Code Officials, HVAC Equipment Manufacturers, Consumers, Energy Consultants.

This standard provides procedures for selecting and sizing residential cooling equipment, heat pumps, electric heating coils, furnaces, boilers, ancillary dehumidification equipment, humidification equipment, and direct evaporative cooling equipment.

AISC (American Institute of Steel Construction)

Nathaniel Gonner <gonner@aisc.org> | 130 E. Randolph Street, Suite 2000 | Chicago, IL 60601-6204 www.aisc.org

Revision

BSR/AISC 341-202x, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2022)
Stakeholders: Structural engineers, steel fabricators, steel erectors, general contractors

Project Need: Revise and update existing standard to the current state of the art of the design, fabrication, and erection of structural steel in seismic force-resisting systems.

Interest Categories: Industry, consultant, general interest

These provisions are for the design and construction of structural steel members and connections in the seismic force-resisting systems in buildings and other structures. The design forces in these structures shall result from earthquake motions determined on the basis of various levels of energy dissipation in the inelastic range of response.

AISC (American Institute of Steel Construction)

Nathaniel Gonner <gonner@aisc.org> | 130 E. Randolph Street, Suite 2000 | Chicago, IL 60601-6204 www.aisc.org

Revision

BSR/AISC 360-202x, Specification for Structural Steel Buildings (revision of ANSI/AISC 360-2022)
Stakeholders: Structural engineers, steel fabricators, steel erectors, general contractors

Project Need: Revise and update existing standard to the current state of the art of steel building design, fabrication, and erection.

Interest Categories: Industry, consultant, general interest

This specification governs the design, fabrication and erection of structural steel-framed buildings. Structural steel includes hot-rolled W-, S-, and HP-shapes, channels and angles listed in ASTM A6/A6M; structural tees split from the hot-rolled W-, S-, and M- shapes listed in ASTM A6/A6M; hollow structural sections produced to ASTM A500, A501, A618, or A847; and steel pipe produced to ASTM A53/A53M. This specification is intended for the common building design in routine office practice.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK89942-202x, New Guide for Image Comparison Opinions (new standard)
Stakeholders: Digital and Multimedia Evidence Industry

Project Need: This standard is addressing the opinion categories that shall be reached for image-based comparisons which do not already have a discipline-specific opinion scale. This will provide the Facial Identification and Video Imaging Technology and Analysis disciplines with a scale for use in their image-based comparisons.

Interest Categories: Producer, User, General Interest

1.1 This standard provides a framework for opinions that can be reached by a practitioner performing comparisons of people, objects, or scenes captured in images. It lists categories for opinions about the relative support that the images provide for the hypothesis that they depict the same source as opposed to the hypothesis that they depict a different source.

AWS (American Welding Society)

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

Revision

BSR/AWS F1.6-202x, Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting (revision of ANSI/AWS F1.6-2017)
Stakeholders: Companies required to estimate emissions from welding operations for various purposes.

Project Need: This document assists companies in estimating emissions from welding processes for EPA reporting purposes by choosing the simplest applicable method and following its steps. Example calculations are included.

Interest Categories: Producer, User, Educator, General Interest

This document assists companies in estimating emissions from welding processes for EPA reporting purposes by choosing the simplest applicable method and following its steps. Example calculations are included.

AWS (American Welding Society)

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

Revision

BSR/AWS F3.2-202x, Ventilation Guide for Weld Fumes (revision of ANSI/AWS F3.2-2018)
Stakeholders: All personnel involved in welding operations

Project Need: This guide describes recommended principles of ventilation to be used in facilities where welding and allied processes are performed. The primary objective of this document is to enhance the health and safety of all those found in a welding environment. Other objectives include the provision of information relevant to energy conservation and environmental compliance.

Interest Categories: Producer, User, Educator, General Interest

This document introduces the reader to various types of ventilation systems, including general supply and exhaust and local exhaust, for control of weld fumes. It contains or refers to information on air contaminants found in welding fumes, principles of system design and selection, and drawings that illustrate ventilation techniques.

AWS (American Welding Society)

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

Revision

BSR/AWS F4.1-202x, Safe Practices for the Preparation of Containers and Piping for Welding, Cutting, and Allied Processes (revision of ANSI/AWS F4.1-2017)
Stakeholders: All personnel involved in the cleaning and preparation of containers and piping for welding or cutting.

Project Need: Explosions, fires, and health hazards may result if welding, cutting, heat, friction, impact, or other hot work is applied on containers that are not free of hazardous substances, such as combustible, reactive, or toxic solids, liquids, vapors, dusts, and gases. No container shall be presumed to be clean or safe, but containers can be made safe for work, provided the safe practices prescribed herein or their equivalent are followed.

Interest Categories: Producer, User, Educator, General Interest

This standard informs the reader of the necessary safe practices to be followed in the cleaning and preparation of containers and piping for welding or cutting. It describes various methods for cleaning, including water, steam, hot chemical and mechanical, and techniques to be used for their proper preparation, such as inerting.

EOS/ESD (ESD Association, Inc.)

Jennifer Kirk <jkirk@esda.org> | 218 W. Court Street | Rome, NY 13440 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)
Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial

Project Need: This document provides qualification test methods for measuring the electrical resistance of seating used in an ESD control program. This standard test method provides test methods for the qualification of seating prior to installation or application. NOTE: For compliance verification, see ESD TR53, Compliance Verification of ESD Control Items.

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

The test methods established here are designed to measure the resistance of seating. The resistances considered here are measured from various components of the seating to a groundable point, such as a conductive caster or a drag chain. This document provides a method for measuring the resistance of seating with resistance greater than 1.0 x 104 ohms and less than 1.0 x 109 ohms. Resistivity measurements and measurements of triboelectric charging are not within the scope or purpose of this standard test method.

HPS (ASC N13) (Health Physics Society)

Amy Wride-Graney <awride-graney@burkinc.com> | 950 Herndon Parkway, Suite 450 | Herndon, VA 20170 www.hps.org

New Standard

BSR/HPS N13.22-202x, Bioassay Programs for Uranium (new standard)
Stakeholders: Industry, government, medical, and environmental

Project Need: The Standard was administratively withdrawn October 2023. As it is referenced in other standards (including, but not limited to, DOE), bioassay technology for uranium has advanced, and biokinetic models have been fine tuned through later ICRP publications, this standard should be updated.

Interest Categories: Government or Regulatory Agencies, Professional Societies, Trade Association or Labor Union, Technical Experts

The standard provides a technical basis for uranium bioassay administration, analysis, and follow-up. Both chemical and radiological toxicity are considered in the determination of bioassay types and monitoring frequencies.

HPS (ASC N13) (Health Physics Society)

Amy Wride-Graney <awride-graney@burkinc.com> | 950 Herndon Parkway, Suite 450 | Herndon, VA 20170 www.hps.org

New Standard

BSR/HPS N13.42-202x, Internal Dosimetry for Mixed Fission and Activation Products (new standard)
Stakeholders: Industry, government, medical and environmental

Project Need: The standard was administratively withdrawn, however, since it is referenced in other standards it should be updated consistent with current guidance, and the more recent editions of ANSI/HPS should be applied.

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

The standard was developed to provide uniform and consistent guidance applicable to Internal Dosimetry for Mixed Fission and Activation Products. This standard provides the basis for an internal dosimetry program to be employed as part of a radiation protection program. This standard identifies acceptable methods for assessment of exposure of individuals to radionuclides retained in the body as measured by in vivo (direct) bioassay, in vitro (indirect) bioassay, or calculated from air sampling results.

NEMA (ASC C136) (National Electrical Manufacturers Association)

David Richmond <David.Richmond@nema.org> | 1300 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Revision

BSR C136.13-202X, Roadway and Area Lighting Equipment - Metal Brackets for Wood Poles (revision of ANSI C136.13 -2020)
Stakeholders: Pole, Bracket and Luminaire Manufacturers, Test Labs, Utilities

Project Need: This project is needed to update references and add provisions for higher wind speeds.

Interest Categories: Producer: Luminaire; Producer: Other; Producer: Poles; User; and General Interest

This standard covers metal pipe, tubing, and structural brackets for wood poles designed to support luminaires of generally spherical, ellipsoidal, or rectangular shapes used in roadway and area lighting.

NEMA (National Electrical Manufacturers Association)

Brian Marchionini <brian.marchionini@nema.org> | 1300 North 17th Street, Suite 1752 | Arlington, VA 22209 www.nema.org

New Standard

BSR/NEMA 80046-202x, NEMA Basic Application Profile for FLISR (new standard)
Stakeholders: Utilities, manufacturers

Project Need: No US standard exists using a Basic Application Profile for this specific example of fault location, isolation, and service restoration.

Interest Categories: Producer, general interest, users, testing laboratories, government

This BAP will provide a framework for multi-vendor interoperability within or between typical substation automation functions. This BAP will allow users to exchange the same communications data from the same services. This specific example is for a three-phase lockout/isolation of a fault between two underground vaults to respond to a first contingency.

OPEI (Outdoor Power Equipment Institute)

Greg Knott <gknott@opei.org> | 1605 King Street | Alexandria, VA 22314 www.opei.org

Revision

BSR/OPEI B175.1-202x, Standard for Internal Combustion Engine-Powered Hand-Held Chain Saws - Safety and Environmental Requirements (revision and redesignation of ANSI/OPEI B175.1-2021)
Stakeholders: Internal combustion engine-powered hand-held chain saw stakeholders including OEM producers & component suppliers, consumer users, retailers, testing organizations, government agencies and general interests.

Project Need: Revise current ANS. Technical revisions are proposed to address an error in the 2021 edition, as well as updating specifications and suppliers for the kickback test coupon. Additional updates and revisions are proposed.

Interest Categories: OEM Producers, Supplier Producers, Consumer Users, Retailers, Testing Organizations, Government Agencies and General Interests

The requirements of this standard apply to internal combustion engine-powered hand-held chain saws and replacement saw chains for use primarily in cutting wood. The purpose of this standard is to establish safety and environmental requirements for internal combustion engine-powered hand-held chain saws and replacement saw chains.

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: April 28, 2024

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

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

Addenda

BSR/ASHRAE/IES Addendum i to BSR/ASHRAE/IES Standard 90.2-202x, High-Performance Energy Design of Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018)
This independent substantive change to Addendum i comes in response to public review comments. It proposes an adjustment of the Maximum SHGC in Common Areas of buildings in Climate Zones 6-8.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE/IES Addendum n to BSR/ASHRAE/IES Standard 90.2-202x, High-Performance Energy Design of Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018)
This independent substantive change to Addendum n comes in response to public review comments. It primarily consists of changes to clarify and enhance consistency of the proposed electric vehicle-related definitions.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: April 28, 2024

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

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

Addenda

BSR/ASHRAE/IES Addendum q to BSR/ASHRAE/IES Standard 90.2-202x, High-Performance Energy Design of Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018)
This addendum comes in response to a Continuous Maintenance Proposal that identified an inaccurate unit conversion in Section 7.4.3.4 (Insulation).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE/IES Addendum w to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022)
This addendum proposes a reduction in the decorative lighting allowance to reflect current LED technology and practices. The existing value is 0.7 W/ft2 and the proposed value is 0.50 W/ft2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 12-202x (i10r4), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2023)
This standard contains requirements for automatic ice making equipment and devices used in the manufacturing, processing, storing, dispensing, packaging, and transportation of ice intended for human consumption.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose <arose@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF/CAN 61-202x (i177r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2023)
This standard is intended to cover specific materials or products that come into contact with: drinking water, drinking water treatment chemicals, or both. The focus of the standard is evaluation of contaminants or impurities imparted indirectly to drinking water.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Amy Jump <ajump@nsf.org>

Comment Deadline: April 28, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 248-19-202x, Standard for Low-Voltage Fuses - Part 19: Photovoltaic (revision of ANSI/UL 248-19-2020)
A proposed revision to UL 248-19, Standard for Low-Voltage Fuses - Part 19: Photovoltaic, which includes the following: (1) Revision to the Scope of UL 248-19 to increase the maximum voltage rating for PV systems.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1072-202x, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2023)
These requirements pertain to both shielded and non-shielded medium-voltage power cables, some of which may contain individually jacketed optical-fiber members. These cables adhere to regulations outlined in Article 328 and other applicable parts of NFPA 70. They typically feature stranded copper or aluminum conductors insulated with solid dielectric material. Cables with metal sheaths or armor provide grounding paths, while others may have optional grounding conductors. Cables that are marked "MV-90" or "MV-90 dry" have a maximum operating temperature of 90°C (194°F), "MV-105" have a maximum operating temperature of 105°C (221°F), "dry" have insulation for use only in dry locations, "oil resistant I" are for exposure to mineral oil at temperatures not in excess of 60°C (140°F), and "oil resistant II" are for exposure to mineral oil at temperatures not in excess of 75°C (167°F). A multiple-conductor Type MV cable that has a smooth (other than lead) or corrugated metal sheath or that has interlocked metal armor may be marked for use also as Type MC cable. The standard excludes specifications for cables with concentric neutral conductors but allows for the possibility of single-conductor cables meeting such requirements from other standards while still complying with this standard's guidelines for shielded cables.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2748-202x, Standard for Arcing Fault Quenching Equipment (revision of ANSI/UL 2748-2020)
This proposal involves the revision of the First edition of UL 2748 as an standard.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Roger Pareja <roger.pareja@ul.org>

Comment Deadline: April 28, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2999-202x, Standard for Safety for Individual Commercial Office Furnishings (revision of ANSI/UL 2999 -2020)
This proposal covers: (1) Addition of UL 62133-2 to 3.2.1.4; (2) Revisions to Table 34.1 and Table 35.1
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 4248-19-202x, Standard for Fuseholders - Part 19: Photovoltaic Fuseholders (revision of ANSI/UL 4248 -19-2021)
A proposed revision to UL 4248-19, Standard for Fuseholders - Part 19: Photovoltaic Fuseholders☐, which includes the following: (1) Revision to the Scope and requirements of UL 4248-19 to increase the maximum voltage rating for PV systems.
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: May 13, 2024

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 129-202x, Best Practice Recommendations for Internal Validation of Human Short Tandem Repeat Profiling on Capillary Electrophoresis Platforms (new standard)
This document provides best practice recommendations for performing an internal validation of a human short tandem repeat (STR) multiplex kit using capillary electrophoresis (CE). This document is to be used as a companion document to the ASB Standard 39, Standard for Internal Validation of Human Short Tandem Repeat Profiling on Capillary Electrophoresis Platforms.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: May 13, 2024

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 039-202x, Standard for Internal Validation of Human Short Tandem Repeat Profiling on Capillary Electrophoresis Platforms (new standard)
This document details requirements for performing an internal validation of a human short tandem repeat (STR) multiplex kit using capillary electrophoresis (CE).
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 007-202x, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System (AFIS) Databases (revision of ANSI/ASB Std 007-2018)
This document provides guidance for the proper pathways, image requirements, and resources for searching the totality of available antemortem fingerprint databases. It provides the process to ensure a complete and proper search of previously obtained fingerprints. The guidance will provide the steps for the medicolegal authority's submission to exhaust all possible searches and have the best chance of victim identification through Automated Fingerprint Identification System (AFIS) searches.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

New Standard

BSR/AAMI EQ56-202x, Standard for a medical equipment management program (new standard)
Specifies minimum requirements for a management program designed to minimize risks associated with medical equipment that is used during the care of patients in a healthcare delivery organization. This document addresses the structure of the program, documentation requirements, staffing, resources, relationship/client management, service continuity and availability, change management, and quality management associated with the management of medical equipment.
Single copy price: Free
Obtain an electronic copy from: Mike Miskell: mmiskell@aami.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 13, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

New Standard

BSR/AAMI EQ103-202x, Alternate equipment management (AEM) in healthcare facilities (new standard)
This document provides a framework for the development and ongoing management of an AEM program. It assists healthcare delivery organizations (HDOs) seeking to meet the related Conditions of Participation set by the Centers for Medicare and Medicaid Services (CMS). By incorporating a quantitative, scientific, and risk-based methodology, along with input from clinical staff, this document establishes minimum requirements for AEM programs. For devices included in an AEM program, this document provides requirements for procedures that assure acceptable levels of safety and performance are maintained.
Single copy price: Free
Obtain an electronic copy from: Mike Miskell: mmiskell@aami.org
Send comments (copy psa@ansi.org) to: Same

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC A-16-202x, Installation of Electric Navigation Lights (revision of ANSI/ABYC A-16-2021)
This standard applies to the installation of electric navigation lights on boats.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC C-5-202x, Construction Testing of Electric Navigation Lights (revision of ANSI/ABYC C-5-2021)
This standard applies to the requirements for the design, construction, performance, and testing of electric navigation lights for boats.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC C-1500-202x, Ignition Protection Test Methods for Marine Products (revision of ANSI/ABYC C-1500 -2019)
This standard addresses the test methods for determining ignition protection for devices under normal operating conditions.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

Comment Deadline: May 13, 2024

ABYC (American Boat and Yacht Council)

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

Revision

BSR/ABYC H-3-202x, Exterior Windows, Windshields, Hatches, Doors, Portlights, and Glazing Materials (revision of ANSI/ABYC H-3-2019)
This standard applies to the design, construction, and installation of exterior windows, windshields, hatches, doors, portlights, and all glazing materials on boats.
Single copy price: $50.00
Obtain an electronic copy from: abycinc.org
Send comments (copy psa@ansi.org) to: comments@abycinc.org

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA ISO 1328-1-B14, Cylindrical gears - ISO system of flank tolerance classification - Part 1: Definitions and allowable values of deviations relevant to flanks of gear teeth (reaffirm a national adoption ANSI/AGMA ISO 1328-1-A14)
This standard provides tolerances for the tooth flanks of unassembled spur and helical gears. Tolerance classes are numbered from 1 to 11. Applicable definitions are provided. The purpose is to provide a common basis for specifying tolerances, which may simplify the procurement of unassembled gears. It is not a design manual for determining the specific tolerance levels for a given application.
Single copy price: $223.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Amir Aboutaleb <tech@agma.org>

ANS (American Nuclear Society)

5200 Thatcher Road, Suite 142, Downers Grove, IL 60515 | kmurdoch@ans.org, www.ans.org

Reaffirmation

BSR/ANS 2.8-2019 (R202x), Probabilistic Evaluation of External Flood Hazards for Nuclear Facilities (reaffirmation of ANSI/ANS 2.8-2019)
This standard addresses necessary external flood conditions, technical parameters, and applicable methodologies required to evaluate/determine external flooding hazards for nuclear facilities.
Single copy price: $25.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | Ambria.Calloway@X9.org, www.x9.org

New Standard

BSR X9.125-202x, Cloud Management and Security (new standard)
This standard will assist in the orderly transition to enterprise grade cloud services by creating the data requirements and related specifications necessary for managing compliance reporting by cloud service providers.
Single copy price: Free
Obtain an electronic copy from: ambria.frazier@x9.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 13, 2024

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

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

Addenda

BSR/ASHRAE Addendum cm to ANSI/ASHRAE Standard 135-202x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)
This addendum adds a new normative annex that introduces the BACnet Energy Services Interface (BACnet ESI) for the access of complex building data via BACnet web services (Annex W).
Single copy price: $35.00
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 | cking@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum cp to BSR/ASHRAE Standard 135-202x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)
This addendum adds Authentication and Authorization; BACnet/SC Options to Support Authentication and Authorization; Device Object Properties to support Authentication and Authorization; Data Structures to support Authentication and Authorization; Error Codes to support Authentication and Authorization; PICS statements to support Authentication and Authorization capabilities; New definitions for Authentication and Authorization; New BIBBs and Profiles for Authentication and Authorization; and Examples for Authentication and Authorization.
Single copy price: $35.00
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 | etoto@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE/IES Addendum s to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2022)
This addendum reformats tables in Section 9 to separate LPDs from control requirements. In the new LPD tables, new values are also being proposed based on updates to our lighting models that have occurred since 2022.
Single copy price: $35.00
Obtain an electronic copy from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: May 13, 2024

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B31.3-202x, Process Piping (revision of ANSI/ASME B31.3-2022)
Rules for the Process Piping Code Section B31.3 have been developed considering piping typically found in petroleum refineries; onshore and offshore petroleum and natural gas production facilities; chemical, pharmaceutical, textile, paper, ore processing, semiconductor, and cryogenic plants; food and beverage processing facilities; and related processing plants and terminals. (a) This Code prescribes requirements for materials and components, design, fabrication, assembly, erection, examination, inspection, and testing of piping; (b) This Code applies to piping for all fluids, including: (1) raw, intermediate, and finished chemicals; (2) petroleum products; (3) gas, steam, air, and water; (4) fluidized solids; (5) refrigerants; and (6) cryogenic fluids.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Riad Mohamed <MohamedR@asme.org>

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 0600313-2018 (R202x), Electrical Protection for Telecommunications Central Offices and Similar Type Facilities (reaffirmation of ANSI/ATIS 0600313-2018)
Telecommunications central offices, data centers, electronic equipment enclosures (EEE), and similar type facilities are often subjected to disturbances from lightning and AC power line faults, either directly or indirectly, through the communications cables and AC power facilities that serve them. This standard provides the minimum electrical protection, grounding, and bonding criteria necessary to mitigate the disruptive and damaging effects of lightning and AC power faults. It is intended to serve as a guide for designers of such facilities in the application of electrical protection, grounding, and bonding as a function of the electrical environment.
Single copy price: Free
Obtain an electronic copy from: masefa@atis.org
Send comments (copy psa@ansi.org) to: Mignot Asefa <masefa@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 0600316-2018 (R202x), Electrical Protection of Telecommunications Outside Plant (reaffirmation of ANSI/ATIS 0600316-2018)
Telecommunications outside plant, by nature of its outdoor location, and frequent joint-use or joint right-of-way installations with power utility facilities, is often subject to disturbances from lightning and ac power line faults. This standard provides the minimum electrical protection, grounding, and bonding criteria necessary to mitigate the disruptive and damaging effects of lightning and ac power faults. It is intended to serve as a guide for designers of such facilities in the application of electrical protection, grounding, and bonding, as a function of the electrical environment.
Single copy price: Free
Obtain an electronic copy from: masefa@atis.org
Send comments (copy psa@ansi.org) to: Mignot Asefa <masefa@atis.org>

Comment Deadline: May 13, 2024

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 0600334-2019 (R202x), Electrical Protection of Communications Towers and Associated Structures (reaffirmation of ANSI/ATIS 0600334-2019)
Communications towers and the associated structures, by nature of their outdoor location, are often subject to disturbances from lightning. This standard provides the minimum electrical protection, grounding, and bonding criteria necessary to mitigate the disruptive and damaging effects of lightning. It is intended to serve as a guide for designers or users of such facilities in the application of electrical protection, grounding, and bonding.
Single copy price: Free
Obtain an electronic copy from: masefa@atis.org
Send comments (copy psa@ansi.org) to: Mignot Asefa <masefa@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

Reaffirmation

BSR/ATIS 0600337-2019 (R202x), Requirements for Maximum Voltage, Current, and Power Levels in Communications Transport Circuits (reaffirmation of ANSI/ATIS 0600337-2019)
This document provides a summary of the maximum dc steady-state and duration limited voltage, current, and power limits to be maintained when telecommunications systems provide or receive power over conventional telecommunications twisted-pair conductors/cabling.
Single copy price: Free
Obtain an electronic copy from: masefa@atis.org
Send comments (copy psa@ansi.org) to: Mignot Asefa <masefa@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | abrown@atis.org, www.atis.org

Revision

BSR/ATIS 0300091-2024-202x, Structure for Global Serialization of Information and Communications Technology (ICT) Network Infrastructure Equipment (revision of ANSI/ATIS 0300091-2018)
This standard provides a format and structure for assigning serial numbers to telecommunications infrastructure equipment.
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: Annie Brown <abrown@atis.org>

Comment Deadline: May 13, 2024

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | abrown@atis.org, www.atis.org

Revision

BSR/ATIS 0300220-2024-202x, Structure for the Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange (revision of ANSI/ATIS 0300220-2018)
This standard provides the code and format structure for the representation of the names of communications industry manufacturers, suppliers, and related service companies for the purpose of efficient information exchange.
Single copy price: Free
Obtain an electronic copy from: abrown@atis.org
Send comments (copy psa@ansi.org) to: abrown@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR ATIS 1000678.b.v2-2010 (S202x), Supplement B to ATIS 1000678.v2.2006, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (stabilized maintenance of ANSI ATIS 1000678.b.v2-2010 (R2018))
This document is a supplement to ATIS 1000678.v2.2006, and provides clarifications, corrections, and enhancements to ATIS 1000678.v2.2006 and ATIS 1000678.a.v2.2007.
Single copy price: $220.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0100030-2012 (S202x), Mean Time Between Outages - A Generalized Metric for Assessing Production Failure Rates in Telecommunications Network Elements (stabilized maintenance of ANSI/ATIS 0100030-2012 (R2017))
The Mean Time Between Outages (MTBO) metric provides the frequency of all telecommunications network element failures (hardware and software) attributed to equipment supplier; including customer-impacting short-duration outages. By contrast, the traditional Mean Time Between Failure (MTBF) metric only addresses total failures that lead to element replacement. The MTBO metric has been accepted as a key industry metric by the QuEST Forum/TL9000 organization.
Single copy price: $60.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 13, 2024

ATIS (Alliance for Telecommunications Industry Solutions)

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

Stabilized Maintenance

BSR/ATIS 0100037-2013 (S202x), Impact Weighted MTBF - A Metric for Assessing Reliability of Hierarchical Systems (stabilized maintenance of ANSI/ATIS 0100037-2013 (R2018))
The impact of failures in modern systems for voice and data transmission (e.g., IP routers or a Radio Network Controller) as well as mobility and wire-line communication networks with hierarchical design increases progressively with the hierarchical level. The Impact Weighted Mean Time Between Failure (IW-MTBF) – a combination of MTBF values for all hierarchical levels of a given network element or network segment weighted for each level by its respective impact on failures – is proposed as a method for evaluating overall reliability of the hierarchical system during the design phase.
Single copy price: $60.00
Obtain an electronic copy from: akarditzas@atis.org
Send comments (copy psa@ansi.org) to: Same

CTA (Consumer Technology Association)

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

New Standard

BSR/CTA 2110-202x, Recommendations and Best Practices of Sleep Quality Determination in Consumer Sleep Monitoring Solutions (new standard)
This document will address recommendations and best practices for the recording and reporting of sleep quality by consumer sleep-monitoring solutions.
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 South Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

Revision

BSR/CTA 2049-B-202x, Determination of Small Network Equipment Energy Consumption (revision of ANSI/CTA 2049-A-2020)
This standard defines procedures for measuring Small Network Equipment (SNE) energy consumption while the Unit Under Test (UUT) is in the Ready State. It defines the interfaces that shall be active and connected for this test procedure and is written with the intent of addressing current and future devices that qualify as a SNE device.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 13, 2024

DASMA (Door and Access Systems Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH 44115 | dasma@dasma.com

New Standard

BSR/DASMA 110-202x, Standard for Lifting Cables for Sectional Type Doors (new standard)
This standard defines the minimum standards and performance specifications for lifting cables for sectional type doors when used as an integral component of a counterbalance system. Counterbalance systems may be composed of torsion spring(s), extension spring(s), or counter weights.
Single copy price: $Draft is free for review
Obtain an electronic copy from: dasma@dasma.com
Send comments (copy psa@ansi.org) to: Christopher Johnson <dasma@dasma.com>

ESTA (Entertainment Services and Technology Association)

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

Revision

BSR/E1.31-202x, Entertainment Technology - Lightweight streaming protocol for transport of DMX512 using ACN (revision of ANSI E1.31-2018)
This standard describes a mechanism to transfer DMX512A packets over a TCP/IP network using a subset of the ACN protocol suite. It covers data format, data protocol, data addressing, and network management, including support for both IPv4 and IPv6. It also outlines a synchronization method to help ensure that multiple sinks can process this data concurrently when supervised by the same controller. Revision is necessary to correct internal reference errors within the currently published version, ANSI E1.31-2018.
Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Send comments (copy psa@ansi.org) to: Same

HPVA (Hardwood Plywood Veneer Association)

42777 Trade West Drive, Sterling, VA 20166 | Jhosen@decorativehardwoods.org, www.DecorativeHardwoods.org

Revision

BSR/HPVA HP-1-202x, Standard for Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2020)
Revise current ANS. The standard for Hardwood and Decorative Plywood establishes nationally recognized marketing classifications, quality criteria, test methods, definitions, and product marking and designation practices for plywood produced primarily from hardwoods. Proposed revision includes several revisions to the veneer grading tables and content throughout.
Single copy price: Free
Obtain an electronic copy from: jhosen@decorativehardwoods.org
Send comments (copy psa@ansi.org) to: Joshua Hosen <Jhosen@decorativehardwoods.org>

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

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

New Standard

BSR/ASSE 22000-202x, Professional Qualifications Standard for Water Treatment Equipment Personnel (new standard)
This series of standards establishes uniform minimum education and certification requirements for qualified installers, service technicians, and repairers of water treatment equipment.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 13, 2024

IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

New Standard

BSR/IES TM-40-202x, Technical Memorandum: IES Method for Determining Correlated Color Temperature (CCT) and Distance from the Planckian Locus of Light Sources (new standard)
(a) This TM will formalize a recommended method for calculating CCTxx and Dxx so that, with the same input, different users can have an identical output; (b) It will provide data to calculate values in the CIE 1960 UCS (i.e., CCT and Duv); (c) It will describe how the methods can be applied to other CMFs/UCSs, including a proposed naming convention; (d) It will document limitations of the quantities and provide guidance on appropriate use.
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

Revision

BSR/IES TM-30-202x, Technical Memorandum: IES Method for Evaluating Light Source Color Rendition (revision of ANSI/IES TM-30-2018)
This document is a tool comprising a set of measures that are all based on a standardized calculation procedure. The method is based on theoretically comparing the appearance of a set of color samples as rendered by a test light source and a reference illuminant, quantified with a model of human vision. Thus, the method includes three primary components: a system for defining the reference illuminant, specification of the color samples, and implementation of a model of human vision. An overview of each component is provided here. The method described in this document compares color samples as rendered by a given test source and a reference illuminant at the same correlated color temperature (CCT), with the reference illuminant being Planckian radiation up to and including 4000 K, a proportional blend of Planckian radiation and a CIE D Series Illuminant between 4001 K and 4999 K, or a CIE daylight (D) series illuminant at or above 5000 K.
Single copy price: $24.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

Revision

BSR/IES TM-32-24-202x, Technical Memorandum: Lighting Parameters for Building Information Modeling (revision of ANSI/IES TM-32-2019)
This Technical Memorandum (TM) provides a recommended standardization of parameters attached to objects, object libraries, or parametric features that represent luminaires for use in many different types of BIM software. This BSR/IES TM-32-24 revision provides specific parameter definitions, and an associated shared parameters file, that are recommended to be used for use when developing lighting content for building information models. For each parameter, the following information is recommended: - Parameter Grouping - Parameter Name - Description - Tool Tip definition (for use specifically in Autodesk Revit*) - Data Type - GUID (for use specifically in Autodesk Revit*)
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

Comment Deadline: May 13, 2024

ISA (International Society of Automation)

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

New Standard

BSR/ISA 62443-2-1-202x, Security for industrial automation and control systems, Part 2-1: Security program requirements for IACS asset owners (new standard)
This standard specifies asset owner security program (SP) policy and procedure requirements for an industrial automation and control system (IACS) in operation.
Single copy price: $100.00
Obtain an electronic copy from: ebrazda@isa.org
Send comments (copy psa@ansi.org) to: Same

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

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

Revision

BSR/ITSDF B56.8-202x, Safety Standard for Personnel and Burden Carriers (revision of ANSI/ITSDF B56.8-2019)
This Standard defines safety requirements relating to the elements of design, operation, and maintenance of powered personnel and burden carriers having three or more wheels, a maximum speed not exceeding 40 km/h (25 mph), and a payload capacity not exceeding 4536 kg (10,000 lb) used for transporting material and/or personnel on indoor and outdoor improved surfaces, but not for use on public roads.
Single copy price: Free
Obtain an electronic copy from: info@itsdf.org
Send comments (copy psa@ansi.org) to: info@itsdf.org

OPEI (Outdoor Power Equipment Institute)

1605 King Street, Alexandria, VA 22314 | gknott@opei.org, www.opei.org

Reaffirmation

BSR/OPEI B71.10-2018 (R202x), Off-Road Ground-Supported Outdoor Power Equipment - Gasoline Fuel Systems - Performance Specifications and Test Procedures (reaffirmation and redesignation of ANSI/OPEI B71.10-2018)
This standard describes safety specifications and test procedures applicable to the gasoline fuel systems for off-road ground-supported outdoor power equipment with spark ignition engines of less than one liter displacement. Off-road ground-supported outdoor power equipment for which this standard may apply include walk-behind and riding lawnmowers, snow throwers, powered log-splitters, shredders/grinders, and tillers.
Single copy price: Free
Obtain an electronic copy from: gknott@opei.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: May 13, 2024

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 118-1-2019 (R202x), Program-Specific Ad Insertion - Data Field Definitions, Functional Overview and Application Guidelines (reaffirmation of ANSI/SCTE 118-1-2019)
This document defines functionality associated with and the messaging used to control Program-Specific Ad Insertion. Program-Specific Ad Insertion is the scheduling and insertion of a Spot into a digital broadcast Program based on the program identifier passed in the SCTE 35 Cue Message. The usage of specific data fields defined in SCTE 35 are defined in this document.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 118-2-2019 (R202x), Program-Specific Ad Insertion - Content Provider to Traffic System Communication Applications Data Model (reaffirmation of ANSI/SCTE 118-2-2019)
This document describes the information that is required to communicate the Program and Avail structure from a content provider (Network) to an Affiliate's SCTE 35 compliant Traffic System. Additionally, this document describes the information required to comply with the Tier 0, Tier 1 and Tier 2 Program-Specific Ad Insertion models as defined by SCTE 118-1.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 118-3-2019 (R202x), Program-Specific Ad Insertion - Traffic System to Ad Insertion System File Format Specification (reaffirmation of ANSI/SCTE 118-3-2019)
This document defines the information that shall be passed from an Affiliate's Traffic System to an Affiliate's Ad Insertion System for communications of ad insertion schedules, including Unique Program Identifiers where specified. It specifies the required data for multi-tiered, Program-Specific Insertion, as well as the file format for the data communications.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: May 13, 2024

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 138-2019 (R202x), Stream Conditioning for Switching of Addressable Content in Digital Television Receivers (reaffirmation of ANSI/SCTE 138-2019)
This standard supports the delivery of household-addressable advertising in linear programs. This document also describes the stream Conditioning required to enable Client-DPI Devices to implement Switching of compressed video streams with associated compressed audio streams. This standard enables Client-DPI Devices to support addressable advertising where the Addressable Content Set appears in an MPEG program outside the Primary Channel.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 54-202x, Digital Video Service Multiplex and Transport System Standard for Cable Television (revision of ANSI/SCTE 54-2020)
This document describes the transport subsystem characteristics and normative specifications of the in-band Service Multiplex and Transport Subsystem Standard for Cable Television.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 197-202x, Recommendations for Spot Check Loudness Measurements (revision of ANSI/SCTE 197 -2018)
As part of managing the relative audio loudness of content, this document provides recommendations for measuring content carried in a single programming channel of a program network for 24 hours with an audio loudness meter consistent with the measurement techniques discussed in [A/85] as well as recording the measured loudness and loudness metadata value. The document also recommends some approaches for interpretation of the measurement data and for actions to be taken.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: May 13, 2024

TAPPI (Technical Association of the Pulp and Paper Industry)

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

Reaffirmation

BSR/TAPPI T 1015 sp-2010 (R202x), Fiber glass mat uniformity (visual defects) (reaffirmation of ANSI/TAPPI T 1015 sp-2010 (R2015))
This method is a description of fiber glass mat attributes that define visual uniformity in the finished mat product.
Single copy price: Free
Obtain an electronic copy from: Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 203A-2019 (R202x), Sway Brace Devices for Sprinkler System Piping (reaffirmation of ANSI/UL 203A -2019)
Reaffirmation of UL 203A.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON | Jacob.Stewart@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 60745-2-20-2009 (R202x), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-20: Particular Requirements for Band Saws (reaffirmation of ANSI/UL 60745-2-20-2009)
Reaffirmation and continuance of the First Edition of the Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-20: Particular Requirements for Band Saws, UL 60745-2-20, as a American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Comment Deadline: May 13, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 778-202x, Standard for Motor-Operated Water Pumps (revision of ANSI/UL 778-2021)
These requirements cover submersible and nonsubmersible motor-operated pumps intended to be used in ordinary locations in accordance with the National Electrical Code, NFPA 70. These requirements do not cover pumps rated more than 600 volts, pumps using universal motors rated more than 250 volts, pumps for fire protection service, pumps for use as or with swimming or wading pool equipment, therapeutic baths, & similar equipment, nor pumps covered by other individual requirements. These requirements do not cover pressure controls or pressure tanks that are intended for use in water or other liquid systems. These requirements do not cover pumps intended for corrosive or flammable fluids. These would include but not be limited to gasoline, kerosene, oil, chemicals, & pesticides. A pump not covered by any of the definitions in Section 4 of this standard, and a pump intended for use with liquids other than water, shall be evaluated on the basis of its compliance with the requirements in this standard, & further examination and tests required to determine whether it is acceptable for the purpose. This would include but not be limited to pumps intended for water/glycol and similar mixtures intended for use in hot-water radiant heating or thermal solar applications.
Single copy price: Free
Obtain an electronic copy from: https://www.shopulstandards.com
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: May 28, 2024

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 37.75-202x, Standard for Pad-Mounted, Pole-Mounted, and Submersible Switchgear Enclosures and Associated Control Enclosures - Coastal and Non-Coastal Environmental Integrity (new standard)
Conformance tests and requirements for the integrity of pad-mounted, pole-mounted, and submersible distribution switchgear enclosures and associated control enclosures are included in this standard. Enclosure security and coating requirements, for coastal and non-coastal environments are covered in this standard.
Single copy price: $59.00
Obtain an electronic copy from: https://www.techstreet.com/ieee/searches/39897306
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1275-202X, Standard for Safety for Flammable Liquid Storage Cabinets (revision of ANSI/UL 1275 -2021)
(1) Reinstate some of the wording from the 4th edition; (2) Requirement Changes for ANSI/CAN/UL/ULC 1275:2021.
Single copy price: Free
Order from: csds.ul.com/home/proposalsdefault.aspx
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

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:

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE 1635-202x, IEEE/ASHRAE Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications (new standard)
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ULSE (UL Standards & Engagement)

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

ANSI/UL 32-2014 (R2019), Standard for Safety for Metal Waste Cans (reaffirmation of ANSI/UL 32-2014)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Patricia Sena <patricia.a.sena@ul.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.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

ANSI/AHRI Standard 110-2024 (SI/I-P), Air-Conditioning, Heating, and Refrigeration Equipment Nameplate Voltages (new standard) Final Action Date: 3/21/2024 | *New Standard*

ASTM (ASTM International)

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

ANSI/ASTM F1759-1997 (R2024), Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications (reaffirmation of ANSI/ASTM F1759-1997 (2018)) Final Action Date: 3/15/2024 | *Reaffirmation*

ANSI/ASTM F2479-2024, Guide for Specification, Purchase, Installation and Maintenance of Poured-In-Place Playground Surfacing (revision of ANSI/ASTM F2479-2017) Final Action Date: 3/15/2024 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA C224-2024, Nylon-11-Based Polyamide Coatings and Linings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C224-2017) Final Action Date: 3/19/2024 | *Revision*

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 | mtierney@kellencompany.com, www.buildershardware.com

ANSI/BHMA A156.10-2024, Standard for Power Operated Pedestrian Doors (revision of ANSI/BHMA A156.10-2017) Final Action Date: 3/20/2024 | *Revision*

ANSI/BHMA A156.11-2024, Standard for Cabinet Locks (revision of ANSI/BHMA A156.11-2019) Final Action Date: 3/20/2024 | *Revision*

ANSI/BHMA A156.14-2024, Standard for Sliding and Folding Door Hardware (revision of ANSI/BHMA A156.14-2019) Final Action Date: 3/21/2024 | *Revision*

ANSI/BHMA A156.27-2024, Power and Manual Operated Revolving Pedestrian Doors (revision of ANSI/BHMA A156.27 -2019) Final Action Date: 3/20/2024 | *Revision*

ANSI/BHMA A156.33-2024, Standard for Internally Powered Architectural Hardware Devices (revision of ANSI/BHMA A156.33-2019) Final Action Date: 3/25/2024 | *Revision*

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

ANSI/BICSI 002-2024, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2019) Final Action Date: 3/19/2024 | *Revision*

CTA (Consumer Technology Association)

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

ANSI/CTA 2115-2024, Accessibility Preferences Data Model (new standard) Final Action Date: 3/21/2024 | *New Standard*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE C37.17-2024, Standard for Trip Systems for Low-Voltage (1000 V and below) AC and General Purpose (1500 V and below) DC Power Circuit Breakers (new standard) Final Action Date: 3/21/2024 | *New Standard*

ANSI/IEEE C37.100.7-2024, Guide for the Evaluation of Performance Characteristics of Non-Sulfur Hexafluoride Insulation and Arc Quenching Media for Switchgear Rated Above 1000 V (new standard) Final Action Date: 3/22/2024 | *New Standard*

NSF (NSF International)

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

ANSI/NSF 49-2024 (i194r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022) Final Action Date: 3/15/2024 | *Revision*

PCI (Precast/Prestressed Concrete Institute)

200 West Adams Street, Chicago, Illinois 60606-5230 | egallandorm@pci.org, www.pci.org

ANSI/PCI 150-2024, Specification for the Design of Precast Concrete Insulated Wall Panels (new standard) Final Action Date: 3/19/2024 | *New Standard*

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, IL 60201 | christina.riemer@ul.org, https://ulse.org/

ANSI/UL 60034-1-2024, Standard for Safety for Rotating Electrical Machines - Part 1: Rating and Performance (identical national adoption of IEC 60034-1 and revision of ANSI/UL 60034-1-2018 (R2023)) Final Action Date: 2/9/2024 | *National Adoption*

ANSI/UL 6288-2024, Standard for Safety for Decorative Lighting Cords (new standard) Final Action Date: 3/20/2024 | *New Standard*

ANSI/UL 248-2-2005 (R2024), Standard for Low-Voltage Fuses - Part 2: Class C Fuses (reaffirmation of ANSI/UL 248-2 -2005 (R2014)) Final Action Date: 3/20/2024 | *Reaffirmation*

ANSI/UL 248-3-2005 (R2024), Standard for Low-Voltage Fuses - Part 3: Class CA and CB Fuses (reaffirmation of ANSI/UL 248-3-2005 (R2014)) Final Action Date: 3/20/2024 | *Reaffirmation*

ANSI/UL 248-4-2005 (R2024), Standard for Low-Voltage Fuses - Part 4: Class CC Fuses (reaffirmation of ANSI/UL 248-4 -2005 (R2014)) Final Action Date: 3/20/2024 | *Reaffirmation*

ANSI/UL 144-2024, Standard for LP-Gas Regulators (revision of ANSI/UL 144-2021) Final Action Date: 3/20/2024 | *Revision*

ANSI/UL 1286-2024, Standard for Office Furnishing Systems (revision of ANSI/UL 1286-2023) Final Action Date: 3/21/2024 | *Revision*

ANSI/UL 2524-2024, Standard for In-Building 2-Way Emergency Radio Communication Enhancement Systems (revision of ANSI/UL 2524-2018) Final Action Date: 3/22/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

AARST - American Association of Radon Scientists and Technologists

Outreach for consumer representatives

AARST Consensus body seating is being refreshed in 2024 for Consortium standards which relate to protecting building occupants from radon induced lung cancer and hazards from other soil gases, such as chemical vapor intrusion into buildings. Seats for individuals representing the vantage point of consumer interests are a currently available for:
· Measurement standards of practice for radon
· Quality assurance for radon measurement devices
· Mitigation standards of practice for radon and soil gas
· Long-term stewardship of radon or soil gas hazards
·New building construction standards of practice for reducing radon and soil gas intrusion

Participation includes regularly scheduled webinar meetings typically every 2 weeks when active. For further information: www.standards.aarst.org • standardsassist@gmail.com • (202) 830-1110.

To submit your name or others into nomination for consensus bodies, go to:
https://standards.aarst.org/participation-in-aarst-consortium-radon-standards/

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

BSR/AAMI EQ56-202x, Standard for a medical equipment management program (new standard)
Interest Categories: The committee is seeking regulatory and general interest members to participate in the development of AAMI EQ56:202X, Standard for a medical equipment management program.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

BSR/AAMI EQ103-202x, Alternate equipment management (AEM) in healthcare facilities (new standard)
Interest Categories: The committee is seeking regulatory and general interest members to participate in the development of AAMI EQ103:202X, Alternate equipment management (AEM) in healthcare facilities.

ABYC (American Boat and Yacht Council)

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

BSR/ABYC A-16-202x, Installation of Electric Navigation Lights (revision of ANSI/ABYC A-16-2021)
Interest Categories: Soliciting for categories: Manufacturer - Engines, Insurance/Survey, Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC C-5-202x, Construction Testing of Electric Navigation Lights (revision of ANSI/ABYC C-5-2021)
Interest Categories: Soliciting for categories: Manufacturer - Engines, Insurance/Survey, Specialist Service

ABYC (American Boat and Yacht Council)

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

BSR/ABYC H-3-202x, Exterior Windows, Windshields, Hatches, Doors, Portlights, and Glazing Materials (revision of ANSI/ABYC H-3-2019)
Interest Categories: Soliciting for categories: Manufacturer - Engines, Specialist Service

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | Ambria.Calloway@X9.org, www.x9.org

BSR X9.125-202x, Cloud Management and Security (new standard)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR ATIS 1000678.b.v2-2010 (S202x), Supplement B to ATIS 1000678.v2.2006, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (stabilized maintenance of ANSI ATIS 1000678.b.v2-2010 (R2018))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0100030-2012 (S202x), Mean Time Between Outages - A Generalized Metric for Assessing Production Failure Rates in Telecommunications Network Elements (stabilized maintenance of ANSI/ATIS 0100030-2012 (R2017))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 0100037-2013 (S202x), Impact Weighted MTBF - A Metric for Assessing Reliability of Hierarchical Systems (stabilized maintenance of ANSI/ATIS 0100037-2013 (R2018))

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | abrown@atis.org, www.atis.org

BSR/ATIS 0300091-2024-202x, Structure for Global Serialization of Information and Communications Technology (ICT) Network Infrastructure Equipment (revision of ANSI/ATIS 0300091-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | abrown@atis.org, www.atis.org

BSR/ATIS 0300220-2024-202x, Structure for the Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange (revision of ANSI/ATIS 0300220-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

BSR/ATIS 0600313-2018 (R202x), Electrical Protection for Telecommunications Central Offices and Similar Type Facilities (reaffirmation of ANSI/ATIS 0600313-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

BSR/ATIS 0600316-2018 (R202x), Electrical Protection of Telecommunications Outside Plant (reaffirmation of ANSI/ATIS 0600316-2018)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

BSR/ATIS 0600334-2019 (R202x), Electrical Protection of Communications Towers and Associated Structures (reaffirmation of ANSI/ATIS 0600334-2019)

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street, NW, Ste 500, Washington, DC 20005 | masefa@atis.org, www.atis.org

BSR/ATIS 0600337-2019 (R202x), Requirements for Maximum Voltage, Current, and Power Levels in Communications Transport Circuits (reaffirmation of ANSI/ATIS 0600337-2019)

AWS (American Welding Society)

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

BSR/AWS F1.6-202x, Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting (revision of ANSI/AWS F1.6-2017)

AWS (American Welding Society)

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

BSR/AWS F3.2-202x, Ventilation Guide for Weld Fumes (revision of ANSI/AWS F3.2-2018)

AWS (American Welding Society)

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

BSR/AWS F4.1-202x, Safe Practices for the Preparation of Containers and Piping for Welding, Cutting, and Allied Processes (revision of ANSI/AWS F4.1-2017)

CTA (Consumer Technology Association)

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

BSR/CTA 2049-B-202x, Determination of Small Network Equipment Energy Consumption (revision of ANSI/CTA 2049-A-2020)

CTA (Consumer Technology Association)

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

BSR/CTA 2110-202x, Recommendations and Best Practices of Sleep Quality Determination in Consumer Sleep Monitoring Solutions (new standard)

DASMA (Door and Access Systems Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH 44115 | dasma@dasma.com

BSR/DASMA 110-202x, Standard for Lifting Cables for Sectional Type Doors (new standard)

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | jkirk@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)

HPVA (Hardwood Plywood Veneer Association)

42777 Trade West Drive, Sterling, VA 20166 | Jhosen@decorativehardwoods.org, www.DecorativeHardwoods.org

BSR/HPVA HP-1-202x, Standard for Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2020)

IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES TM-30-202x, Technical Memorandum: IES Method for Evaluating Light Source Color Rendition (revision of ANSI/IES TM-30-2018)

IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES TM-40-202x, Technical Memorandum: IES Method for Determining Correlated Color Temperature (CCT) and Distance from the Planckian Locus of Light Sources (new standard)

IES (Illuminating Engineering Society)

85 Broad Street, 17th Floor, New York, NY 10004 | pmcgillicuddy@ies.org, www.ies.org

BSR/IES TM-32-24-202x, Technical Memorandum: Lighting Parameters for Building Information Modeling (revision of ANSI/IES TM-32-2019)

ISA (International Society of Automation)

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

BSR/ISA 62443-2-1-202x, Security for industrial automation and control systems, Part 2-1: Security program requirements for IACS asset owners (new standard)

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 1752, Arlington, VA 22209 | brian.marchionini@nema.org, www.nema.org

BSR/NEMA 80046-202x, NEMA Basic Application Profile for FLISR (new standard)

NSF (NSF International)

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

BSR/NSF 12-202x (i10r4), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2023)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i177r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2023)

OPEI (Outdoor Power Equipment Institute)

1605 King Street, Alexandria, VA 22314 | gknott@opei.org, www.opei.org

BSR/OPEI B175.1-202x, Standard for Internal Combustion Engine-Powered Hand-Held Chain Saws - Safety and Environmental Requirements (revision and redesignation of ANSI/OPEI B175.1-2021)

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 1015 sp-2010 (R202x), Fiber glass mat uniformity (visual defects) (reaffirmation of ANSI/TAPPI T 1015 sp-2010 (R2015))

ULSE (UL Standards & Engagement)

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

BSR/UL 1072-202x, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2023)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

IEST - Institute of Environmental Sciences and Technology

Effective March 22, 2024

The reaccreditation of **IEST - Institute of Environmental Sciences and Technology** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on IEST-sponsored American National Standards, effective **March 22, 2024**. For additional information, please contact: Jennifer Sklena, Institute of Environmental Sciences and Technology (IEST) | 1827 Walden Office Square, Suite 400, Schaumburg, IL 60173 | (847) 981-0100, jsklena@iest.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

CSA - CSA America Standards Inc.

Meeting Time: May 22, 2024 from 1 p.m. to 4 p.m. EST

CSA Group will hold the Autogas/DME Transportation Technical Committee meeting by teleconference on May 22, 2024 from 1 p.m. to 4 p.m. EST. For more information on the meeting and the agenda, contact Mark Duda at mark.duda@csagroup.org. Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting and provide a brief explanation of their interest. If you wish to present specific comments on an item of business, you are required to notify the project manager in writing no later than April 26, 2024. Notification shall include any material proposed for presentation to the Technical Committee. For information, please contact Project Manager, Mark Duda at mark.duda@csagroup.org.

Information Concerning

Corrected prices for IEEE draft proposed ANS already announced for public comment

ANSI Accredited Standards Developer

IEEE - Institute of Electrical and Electronics Engineers

Correction to prior announcement

Incorrect published prices for the draft proposed ANS below were published in prior issues of Standards Action. The following are the correct prices for the public review drafts:

BSR/IEEE C37.011-202x *Guide for the Application of Transient Recovery Voltage for AC High-Voltage Circuit Breakers with Rated Maximum Voltage above 1000 V - Price: $160.00*

BSR/IEEE C37.012-202x *Guide for the Application of Capacitive Current Switching for AC High-Voltage Circuit Breakers Above 1000 V - Price: $103.00*

BSR/IEEE C37.11-202x *Standard Requirements for Electrical Control for AC High-Voltage (1000 V) Circuit Breakers Price: $59.00*

BSR/IEEE C37.122.2-202x *Guide for the Application of Gas Insulated Substations 1 kV to 52 kV Price: $76.00*

BSR/IEEE C37.20.3-202x
Standard for Metal-Enclosed Interrupter Switchgear Rated above 1 kV AC up to and Including 48.3 kV AC - Price: $104.00

BSR/IEEE C37.30.1-202x *Standard Requirements for AC High-Voltage Air Switches Rated Above 1000 V - Price: $114.00*

BSR/IEEE C37.30.6-202x *Guide for Electric Motor Operators Applied to High-Voltage Air Switches Rated Above 1000 V - Price: $59.00*

For inquiries please contact: Suzanne Merton s.merten@ieee.org

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Dentistry (TC 106)

ISO/DIS 21850-2, Dentistry - Materials for dental instruments - Part 2: Polymers - 6/13/2024, $40.00

Gas cylinders (TC 58)

ISO/DIS 19078, Gas cylinders - Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles - 6/7/2024, $98.00

Geographic information/Geomatics (TC 211)

ISO/DIS 19152-4, Geographic information - Land Administration Domain Model (LADM) - Part 4: Valuation information - 6/6/2024, $134.00

Graphical symbols (TC 145)

ISO 7010:2019/DAmd 142, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 142: Safety sign W089: Warning; Moving gears - 6/10/2024, $29.00

ISO 7010:2019/DAmd 139, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 139: Safety sign P081: Do not cover appliance - 6/10/2024, $29.00

ISO 7010:2019/DAmd 141, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 141: Safety sign W088: Warning; Moving blades - 6/10/2024, $29.00

ISO 7010:2019/DAmd 140, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 140: Safety sign W087: Warning; High sound volume levels - 6/10/2024, $29.00

ISO 7010:2019/DAmd 137, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 137: Safety sign M070: Use lamp in luminaire with shield - 6/10/2024, $29.00

ISO 7010:2019/DAmd 138, - Amendment 1: Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 138: Safety sign M071: Use anti-tip restraints - 6/10/2024, $29.00

Information and documentation (TC 46)

ISO/DIS 26324, Information and documentation - Digital object identifier system - 6/8/2024, $67.00

Lifts, escalators, passenger conveyors (TC 178)

ISO/DIS 8100-7, Lifts for the transport of persons and goods - Part 7: Accessibility to lifts for persons including persons with disability - 6/6/2024, $88.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 23100, Decorative PVD coatings on kitchen and sanitary ware fittings - Specification and Test methods - 6/7/2024, $46.00

ISO/DIS 24251-1, Prevention of hydrogen assisted brittle fracture of high-strength steel components - Part 1: Fundamentals and measures - 6/7/2024, $88.00

Optics and optical instruments (TC 172)

ISO/DIS 8600-1, Endoscopes - Medical endoscopes and endotherapy devices - Part 1: General requirements - 6/9/2024, $58.00

Paints and varnishes (TC 35)

ISO/DIS 16276-2, Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating - Part 2: Cross-cut testing and X-cut testing - 6/8/2024, $46.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 11999-10, PPE for firefighters - Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires in structures - Part 10: RPD - 6/7/2024, $33.00

Plastics (TC 61)

ISO/DIS 18177, Plastics - Test method for estimation of the short chain branching distribution of semicrystalline ethylene 1-olefin copolymers by differential scanning calorimetry (DSC) - 6/9/2024, $82.00

Refractories (TC 33)

ISO/DIS 5014, Dense and insulating shaped refractory products - Determination of modulus of rupture at ambient temperature - 6/8/2024, $58.00

ISO/DIS 10059-1, Dense shaped refractory products - Determination of cold compressive strength - Part 1: Referee test without packing - 6/6/2024, $58.00

Road vehicles (TC 22)

ISO/DIS 5011, Inlet air cleaning equipment for internal combustion engines and compressors - Performance testing - 6/7/2024, $119.00

IEC Standards

3/1658/NP, PNW 3-1658 ED1: International Electrotechnical Vocabulary (IEV) - Part XXX: Documentation, graphical symbols and technical representations of information, 06/14/2024

Alarm systems (TC 79)

79/704(F)/FDIS, IEC 62676-5-1 ED1: Video surveillance systems for use in security applications - Part 5-1: Data specifications and image quality performance for camera devices - Environmental test methods for image quality performance, 04/26/2024

79/706/CD, IEC 62820-1-2 ED2: Building intercom systems - Part 1-2: System requirements - Building intercom systems using the internet protocol (IP), 06/14/2024

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

100/4135/CD, IEC 62608-1 ED2: Multimedia home network configuration - Basic reference model - Part 1: System model, 06/14/2024

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

46F/670/CD, IEC 61169-73 ED1: Measurement of the conductivity for metal thin films at microwave and millimeter-wave frequencies balanced-type circular disk resonator method, 06/14/2024

Capacitors and resistors for electronic equipment (TC 40)

40/3134/NP, PNW 40-3134 ED1: Fixed resistors for use in electronic equipment - Part 2-20: Blank detail specification: Low-power film resistors with leads for through-hole assembly on circuit boards (THT), for high-performance and high-reliable electronic equipment, classification level P and R, 06/14/2024

Electric cables (TC 20)

20/2175/FDIS, IEC 60287-2-3 ED2: Electric cables - Calculation of the current rating - Part 2-3: Thermal resistance - Cables installed in ventilated tunnels, 05/03/2024

Electrical apparatus for explosive atmospheres (TC 31)

31J/363/CDV, IEC 60079-19 ED5: Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation, 06/14/2024

Electromagnetic compatibility (TC 77)

77A/1210/NP, PNW TS 77A-1210 ED1: Electromagnetic compatibility (EMC) - Part 3-10: Limits - Limits for disturbance voltage and current in the frequency range from 2kHz to 9kHz produced by equipment connected to public low-voltage systems with a rated line current less than or equal to 75 A per phase, 06/14/2024

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

112/642/CD, IEC TR 61857-2 ED2: Electrical insulation systems - Procedures for thermal evaluation - Part 2: Selection of the appropriate test method for evaluation and classification of electrical insulation systems, 06/14/2024

Fibre optics (TC 86)

86A/2448/CD, IEC 60794-1-125 ED1: Optical fibre cables - Part 1-125: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Ripcord functional test, Method E25, 06/14/2024

86A/2443(F)/FDIS, IEC 60794-1-209 ED1: Optical fibre cables - Part 1-209: Generic specification - Basic optical cable test procedures - Environmental test methods - Ageing, Method F9, 04/26/2024

86B/4879(F)/FDIS, IEC 61300-2-34 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-34: Tests - Resistance to solvents and contaminating fluids, 04/05/2024

86B/4899/CD, IEC 61300-3-48 ED2: Fibre optic interconnect devices and passive components - Basic test and measurement procedures - Part 3-48: Examinations and measurements - Spring compression force of the coupling sleeve for rectangular ferrule multi-fibre connectors, 05/17/2024

86B/4894/CD, IEC 61754-7-4 ED1: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7-4: Type MPO connector family - One fibre row 16 fibres wide, 05/17/2024

86/639/FDIS, IEC 62522 ED2: Calibration of tuneable laser sources, 05/03/2024

86/642/CD, IEC TR 63568-1 ED1: Quantum Interconnect - Part 1: Introduction and roadmap for standardization, 06/14/2024

86B/4897/NP, PNW 86B-4897 ED1: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 38:Type SEN connector family, 06/14/2024

Fire hazard testing (TC 89)

89/1583/DTS, IEC TS 60695-2-20 ED4: Fire hazard testing - Part 2-20: Glowing/hot-wire based test methods - Hot wire coil test method - Apparatus, verification, test method and guidance, 05/17/2024

Flat Panel Display Devices (TC 110)

110/1634/CD, IEC TR 62715-6-61 ED1: Flexible display devices - Stretchable displays Part 6-61: General introduction for stretchable display device - deformation and usage scenarios, 05/17/2024

Fuses (TC 32)

32B/745(F)/FDIS, IEC 60269-3 ED5: Low-voltage fuses - Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications) - Examples of standardized systems of fuses A to F, 04/05/2024

32B/746(F)/FDIS, IEC 60269-4 ED6: Amendment 3 - Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices, 04/05/2024

Industrial-process measurement and control (TC 65)

65C/1292/CDV, IEC 62541-15 ED1: OPC Unified Architecture - Part 15: Safety, 06/14/2024

Lamps and related equipment (TC 34)

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

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

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

34C/1597/FDIS, IEC 61347-2-2 ED3: Controlgear for electric light sources - Safety - Part 2-2: Particular requirements - Electronic step-down convertors for filament lamps, 05/03/2024

34/1181/CD, IEC 61547 ED4: Equipment for general lighting purposes - EMC immunity requirements, 06/14/2024

34/1183/CD, IEC 63129/AMD1 ED1: Amendment 1 - Determination of inrush current characteristics of lighting products, 06/14/2024

34/1184/DTR, IEC TR 63540 ED1: Lighting systems - Characteristics for selected outdoor applications, 05/17/2024

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

106/640/CD, IEC/IEEE TR 63572 ED1: Evaluation of Absorbed Power Density Related to Human Exposure to Radio Frequency Fields from Wireless Communication Devices Operating between 6 GHz and 300 GHz., 05/17/2024

Nuclear instrumentation (TC 45)

45B/1057/CD, IEC TS 62461 ED1: Radiation protection instrumentation - Determination of uncertainty in measurement, 06/14/2024

45A/1524(F)/FDIS, IEC/IEEE 62582-3 ED2: Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 3: Elongation at break, 04/19/2024

Performance of household electrical appliances (TC 59)

59L/260/CD, IEC 61254 ED2: Electric shavers for household use - Evaluation of experience and user satisfaction, 06/14/2024

Piezoelectric and dielectric devices for frequency control and selection (TC 49)

49/1454/CDV, IEC 62276 ED4: Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods, 05/17/2024

Power electronics (TC 22)

22F/763/DTR, IEC TR 63368 ED1: Control and protection systems for high-voltage direct current (HVDC) power transmission systems - Off-site real-time simulation testing, 05/17/2024

Secondary cells and batteries (TC 21)

21A/878/NP, PNW 21A-878 ED1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary sodium ion cells and batteries for use in electrical energy storage systems, 06/14/2024

21A/879/NP, PNW 21A-879 ED1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - secondary sodium ion cells and batteries for use in electrical energy storage systems, 06/14/2024

Semiconductor devices (TC 47)

47/2842/CD, IEC TR 63571 ED1: Estimation Method for Lifetime Conversion from PART to SYSTEM, 06/14/2024

Small power transformers and reactors and special transformers and reactors (TC 96)

96/592(F)/FDIS, IEC 61558-2-8 ED3: Safety of transformers, reactors, power supply units and combinations thereof - Part 2 -8: Particular requirements and tests for transformers and power supply units for bells and chimes, 04/26/2024

Switchgear and controlgear (TC 17)

17C/928/CDV, IEC 62271-201 ED3: High-voltage switchgear and controlgear - Part 201: AC solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, 06/14/2024

(SyC)

SyCSmartCities/332/CD, IEC SRD 63320-2 ED1: Smart city use case collection and analysis - Smart urban planning for smart cities - Part 2: Use case analysis, 06/14/2024

SyCLVDC/146/NP, PNW TS SYCLVDC-146 ED1: Systems Reference Deliverable (SRD) - Arc Hazards and Safety in LVDC; Part 1-Series arc characteristics between brass electrodes, 06/14/2024

SyCLVDC/148/NP, PNW TS SYCLVDC-148 ED1: Systems Reference Deliverable (SRD) - Predicting Electrical Compatibility in LVDC Systems, 06/14/2024

Terminology (TC 1)

1/2602/FDIS, IEC 60050-726 ED2: International Electrotechnical Vocabulary (IEV) - Part 726: Transmission lines and waveguides, 05/03/2024

Tools for live working (TC 78)

78/1462/CD, IEC 63232-1-1 ED1: Live working - Hand protective devices against the thermal Hazards of an electric arc - Part 1 -1: Test methods - Method 1: Determination of the arc rating (ELIM, ATPV and/or EBT) of hand protective devices using an open arc, 06/14/2024

78/1461/CD, IEC 63232-1-2 ED1: Live working - Hand protective devices against the thermal hazards of an electric arc - Part 1 -2: Test methods - Method 2: Determination of arc protection class of hand protective devices by using a constrained and directed arc (box test), 06/14/2024

78/1463/CD, IEC 63232-2 ED1: Live working - Hand protective devices against the thermal hazards of an electric arc - Part 2: Requirements, 06/14/2024

Newly Published ISO & IEC Standards

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

ISO Standards

Additive manufacturing (TC 261)

ISO/ASTM 52927:2024, Additive manufacturing - General principles - Main characteristics and corresponding test methods, $166.00

Air quality (TC 146)

ISO 16000-9:2024, Indoor air - Part 9: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Emission test chamber method, $124.00

ISO 16000-11:2024, Indoor air - Part 11: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Sampling, storage of samples and preparation of test specimens, $124.00

Aircraft and space vehicles (TC 20)

ISO 8575:2024, Aerospace series - Fluid systems - Hydraulic system tubing, $81.00

Building construction (TC 59)

ISO 16739-1:2024, Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries - Part 1: Data schema, $278.00

Ceramic ware, glassware and glass ceramic ware in contact with food (TC 166)

ISO 5644:2024, Porcelain Tableware - Specification and test method, $81.00

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

ISO 16311-2:2024, Maintenance and repair of concrete structures - Part 2: Assessment of existing concrete structures, $223.00

ISO 16311-3:2024, Maintenance and repair of concrete structures - Part 3: Design of repairs, $166.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO 18183-1:2024, Geometrical product specifications (GPS) - Partition - Part 1: Vocabulary and basic concepts, $124.00

Furniture (TC 136)

ISO 12808:2024, Hardware for furniture - Strength and durability of extension elements and their components, $124.00

Gas cylinders (TC 58)

ISO 22435:2024, Gas cylinders - Cylinder valves with integrated pressure regulators - Specification and type testing, $194.00

Hydrometric determinations (TC 113)

ISO 19234:2024, Hydrometry - Low cost baffles to aid fish passage on triangular profile gauging weirs, $166.00

Implants for surgery (TC 150)

ISO 5832-11:2024, Implants for surgery - Metallic materials - Part 11: Wrought titanium 6-aluminium 7-niobium alloy, $54.00

Industrial automation systems and integration (TC 184)

ISO 16400-3:2024, Automation systems and integration - Equipment behaviour catalogues for virtual production system - Part 3: Requirements and recommendations for construction of an equipment instance model, $166.00

Information and documentation (TC 46)

ISO 18128:2024, Information and documentation - Records risks - Risk assessment for records management, $194.00

Light gauge metal containers (TC 52)

ISO 24021-2:2024, Light gauge metal containers - Vocabulary and classification - Part 2: General cans, $124.00

Natural gas (TC 193)

ISO 2620:2024, Analysis of natural gas - Biomethane - Determination of VOCs by thermal desorption gas chromatography with flame ionization and/or mass spectrometry detectors, $81.00

Paints and varnishes (TC 35)

ISO 16053-2:2024, Paints and varnishes - Coating materials and coating systems for exterior wood - Part 2: Exposure of wood coatings to artificial weathering using fluorescent UV lamps and water, $124.00

Paper, board and pulps (TC 6)

ISO 2469:2024, Paper, board and pulps - Measurement of diffuse radiance factor (diffuse reflectance factor), $194.00

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

ISO 10928:2024, Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Methods for regression analysis and their use, $166.00

Road vehicles (TC 22)

ISO 11898-2:2024, Road vehicles - Controller area network (CAN) - Part 2: High-speed physical medium attachment (PMA) sublayer, $250.00

Rubber and rubber products (TC 45)

ISO 1817:2024, Rubber, vulcanized or thermoplastic - Determination of the effect of liquids, $194.00

ISO 7681:2024, Natural rubber field latex - Determination of dry rubber content, $81.00

Solar energy (TC 180)

ISO 24194:2022/Amd 1:2024, - Amendment 1: Solar energy - Collector fields - Check of performance - Amendment 1, $23.00

Solid biofuels (TC 238)

ISO 18134-2:2024, Solid biofuels - Determination of moisture content - Part 2: Simplified method, $54.00

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

ISO 8362-2:2024, Injection containers and accessories - Part 2: Closures for injection vials, $54.00

Transport information and control systems (TC 204)

ISO 21177:2024, Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices, $278.00

Water quality (TC 147)

ISO 17294-1:2024, Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 1: General requirements, $194.00

ISO Technical Specifications

Nanotechnologies (TC 229)

ISO/TS 22298:2024, Nanotechnologies - Silica nanomaterials - Specification of characteristics and measurement methods for silica with ordered nanopore array (SONA), $81.00

Plastics (TC 61)

ISO/TS 23927:2024, Laminates and moulding compounds - Prepregs - Determination of tack, $81.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19987:2024, Information technology - EPC Information Services (EPCIS), $278.00

ISO/IEC 19988:2024, Information technology - GS1 Core Business Vocabulary (CBV), $278.00

ISO/IEC 21031:2024, Information technology - Software Carbon Intensity (SCI) specification, $81.00

ISO/IEC 23092-2:2024, Information technology - Genomic information representation - Part 2: Coding of genomic information, $278.00

ISO/IEC 15067-3-30:2024, Information technology - Home Electronic System (HES) application model - Part 3-30: Energy management agent functional requirements and interfaces, $124.00

ISO/IEC 15067-3-31:2024, Information technology - Home Electronic System (HES) application model - Part 3-31: Protocol of energy management agents for demand-response energy management and interactions among these agents, $223.00

ISO/IEC 17760-105:2024, Information technology - AT Attachment - Part 105: ATA Command Set - 5 (ACS-5), $278.00

ISO/IEC/IEEE 24748-1:2024, Systems and software engineering - Life cycle management - Part 1: Guidelines for life cycle management, $250.00

IEC Standards

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

IEC 61937-1 Ed. 3.0 b Cor.1:2024, Corrigendum 1 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General, $0.00

Flat Panel Display Devices (TC 110)

IEC 62977-2-7 Ed. 1.0 en:2024, Electronic displays - Part 2-7: Measurements of optical characteristics - Tiled displays, $193.00

Industrial-process measurement and control (TC 65)

IEC 61784-5-2 Amd.1 Ed. 4.0 b:2024, Amendment 1 - Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2, $103.00

IEC 61784-5-2 Ed. 4.1 en:2024, Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2, $1030.00

IEC 61784-5-12 Ed. 3.0 b:2024, Industrial networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12, $193.00

IEC 61784-5-21 Amd.1 Ed. 1.0 b:2024, Amendment 1 - Industrial communication networks - Profiles - Part 5-21: Installation of fieldbuses - Installation profiles for CPF 21, $26.00

IEC 61784-5-21 Ed. 1.1 en:2024, Industrial communication networks - Profiles - Part 5-21: Installation of fieldbuses - Installation profiles for CPF 21, $386.00

S+ IEC 61784-5-12 Ed. 3.0 en:2024 (Redline version), Industrial networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12, $329.00

Safety of household and similar electrical appliances (TC 61)

IEC 60335-2-108 Ed. 2.0 b:2024, Household and similar electrical appliances - Safety - Part 2-108: Particular requirements for electrolysers, $193.00

IEC 60335-2-108 Ed. 2.0 en:2024 EXV, Household and similar electrical appliances - Safety - Part 2-108: Particular requirements for electrolysers, $975.00

S+ IEC 60335-2-108 Ed. 2.0 en:2024 (Redline version), Household and similar electrical appliances - Safety - Part 2 -108: Particular requirements for electrolysers, $329.00

S+ IEC 60335-2-108-EXV-RLV Ed. 2.0 en:2024 (Redline version), Household and similar electrical appliances - Safety - Part 2 -108: Particular requirements for electrolysers, $1174.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 133 – Clothing sizing systems - Size designation, size measurement methods and digital fittings

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 133 – *Clothing sizing systems - size designation, size measurement methods and digital fittings* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by South Africa (SABS).

ISO/TC 133 operates under the following scope:

Standardization of a system of size designations resulting from the establishment of one or more sizing systems for clothes based on size designation, body size measurement methods for clothing and for digital garment fitting.

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

Call for U.S. TAG Administrator

ISO/TC 228 – Tourism and related services

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 228 – *Tourism and related services* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Spain (UNE).

ISO/TC 228 operates under the following scope:

Standardization of the terminology and specifications of the services offered by tourism service providers, including related activities, touristic destinations and the requirements of facilities and equipment used by them, to provide tourism buyers, providers and consumers with criteria for making informed decisions.

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

Call for U.S. TAG Administrator

ISO/TC 26 – Copper and copper alloys

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 26 – *Copper and copper alloys* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by China (SAC).

ISO/TC 26 operates under the following scope:

Standardization in the field of unwrought, wrought and cast products made from copper and copper alloys, including material specifications, dimensions and tolerances, and methods of testing peculiar for copper and copper alloys.

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

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 275 – Sludge recovery, recycling, treatment and disposal

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 275 – *Sludge recovery, recycling, treatment and disposal* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by France (AFNOR).

ISO/TC 275 operates under the following scope:

Standardization of the methods for characterizing, categorizing, preparing, treating, recycling and managing sludge and products from urban wastewater collection systems, night soil, storm water handling, water supply treatment plants, wastewater treatment plants for urban and similar industrial waters. It includes all sludge that may have similar environmental and/or health impacts.

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

Call for U.S. TAG Administrator

ISO/TC 71 – Concrete, reinforced concrete and pre-stressed concrete and Subcommittees

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 71 – *Concrete, reinforced concrete and pre-stressed concrete*, or any of the active Subcommittees, and therefore ANSI is not a member of these committees. The Secretariats for the committees are held by:
ISO/TC 71 – *Concrete, reinforced concrete and pre-stressed concrete*: Japan (JISC)
ISO/TC 71/SC 1 – *Test methods for concrete*: Israel (SII)
ISO/TC 71/SC 3 – *Concrete production and execution of concrete structures*: Norway (SN)
ISO/TC 71/SC 4 – *Performance requirements for structural concrete*: Russian Federation (GOST R)
ISO/TC 71/SC 5 – *Simplified design standard for concrete structures*: Korea (KATS)
ISO/TC 71/SC 6 – *Non-traditional reinforcing materials for concrete structures*: Japan (JISC)
ISO/TC 71/SC 7 – *Maintenance and repair of concrete structures*: Korea (KATS)
ISO/TC 71/SC 8 – *Environmental management for concrete and concrete structures*: Japan (JISC)

ISO/TC 71 operates under the following scope:

Standardization of the technology of concrete, of the design and construction of concrete, reinforced concrete and pre-stressed concrete structures, so as to ensure progressive development both in quality and in price reduction; and of definitions and terms, as well as testing procedures, to facilitate international exchange of research work.

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

International Organization for Standardization (ISO)

Establishment of ISO Technical Subcommittee

ISO/TC 4/SC 13 – Testing, measuring and evaluation

Comment Deadline: April 12, 2024

ISO/TC 4 – *Rolling bearings* has created a new ISO Subcommittee on *Testing, measuring and evaluation* (ISO/TC 4/SC 13). The Secretariat has been assigned to Sweden (SIS).

ISO/TC 4/SC 13 operates under the following scope:

Standardization of test, measurement and evaluation methods for dimensional, geometrical and functional characteristics of rolling bearings.

Excluded: Field performance evaluation and validation of bearing performance e.g. load ratings, as it falls within the scope of ISO/TC 4/SC 8

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

Registration of Organization Names in the United States

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

Public Review

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

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

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/IES Addendum i
to ANSI/ASHRAE/IES Standard 90.2-2018

Public Review Draft

Proposed Addendum i to Standard 90.2-2018, High-Performance Energy Design of Residential Buildings

Third Public Review (March 2024)
(Draft Shows Proposed Independent Substantive Changes
To Previous Public Review Draft)

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

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

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

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

FOREWORD

Common area provisions for HVAC and lighting systems have been in the standard since its publication in 2018 (sections 7.4.7 and 7.5.4, respectively). Addendum i adds common area provisions for building envelope systems.

This proposed revision changes the SHGC requirements for in climate zones 6 through 8. Specifically in zones 6 and 7 0.35 was replaced by 0.45 and in zone 8 0.35 was replaced with NR. This revision was based on public comments received and a continuation of discussions considering cooling loads and peak power considerations.

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

Addendum i to 90.2-2018

Revise Table 7-3 (IP Units):

Table 7-3 *Common Area* Component Requirements

	Maximum SHGC		Maximum U-Factors								
Climate Zone	**Glazed Fenestration**	**Skylights**	**Fenestration**	**Skylights**	**Interior Ceiling[a]**	**Exterior Ceiling[b]**	**Interior Framed Walls[a]**	**Exterior Framed Walls[b]**	**Exterior Mass Walls[b]**	**Interior Floor[a]**	**Exterior Floor[b]**
0	0.23	0.23	0.32	0.50	0.080	0.032	0.080	0.076	0.177	0.080	0.058
1	0.23	0.23	0.32	0.50	0.080	0.032	0.080	0.076	0.177	0.080	0.058
2	0.23	0.23	0.32	0.50	0.080	0.027	0.080	0.076	0.149	0.080	0.058
3	0.23	0.23	0.28	0.40	0.080	0.027	0.080	0.054	0.088	0.080	0.042
4 except Marine	0.25	0.25	0.25	0.40	0.080	0.023	0.080	0.054	0.088	0.080	0.042
Marine 4 and 5	0.30	0.30	0.22	0.40	0.080	0.023	0.080	0.054	0.074	0.080	0.030
6	~~0.35~~ 0.45	~~0.35~~ 0.45	0.22	0.40	0.080	0.023	0.080	0.041	0.054	0.080	0.030
7	~~0.35~~ 0.45	~~0.35~~ 0.45	0.22	0.40	0.080	0.023	0.080	0.041	0.051	0.080	0.025
8	~~0.35~~ NR	~~0.35~~ NR	0.22	0.40	0.080	0.023	0.080	0.041	0.051	0.080	0.025

[a] Interior components are those that separate a *common area* from a sleeping or *dwelling unit*.
[b] Exterior components are those that are part of the *building thermal envelope*.

Revise Table 7-3 (SI Units)

Table 7-3 ~~Common Area Building Envelope~~ *Common Area* Component Requirements

	Maximum SHGC		Maximum U-Factors								
Climate Zone	**Glazed Fenestration**	**Skylights**	**Fenestration**	**Skylights**	**Interior Ceiling[a]**	**Exterior Ceiling[b]**	**Interior Framed Walls[a]**	**Exterior Framed Walls[b]**	**Exterior Mass Walls[b]**	**Interior Floor[a]**	**Exterior Floor[b]**
0	0.23	0.23	1.82	2.84	0.45	0.18	0.45	0.43	1.01	0.45	0.33
1	0.23	0.23	1.82	2.84	0.45	0.18	0.45	0.43	1.01	0.45	0.33
2	0.23	0.23	1.82	2.84	0.45	0.15	0.45	0.43	0.85	0.45	0.33
3	0.23	0.23	1.59	2.27	0.45	0.15	0.45	0.31	0.50	0.45	0.24
4 except Marine	0.25	0.25	1.42	2.27	0.45	0.13	0.45	0.31	0.50	0.45	0.24
Marine 4 and 5	0.30	0.30	1.25	2.27	0.45	0.13	0.45	0.31	0.42	0.45	0.17
6	~~0.35~~ 0.45	~~0.35~~ 0.45	1.25	2.27	0.45	0.13	0.45	0.23	0.31	0.45	0.17
7	~~0.35~~ 0.45	~~0.35~~ 0.45	1.25	2.27	0.45	0.13	0.45	0.23	0.29	0.45	0.14
8	~~0.35~~ NR	~~0.35~~ NR	1.25	2.27	0.45	0.13	0.45	0.23	0.29	0.45	0.14

[a] Interior components are those that separate a *common area* from a sleeping or *dwelling unit*.
[b] Exterior components are those that are part of the *building thermal envelope*.

BSR/ASHRAE/IES Addendum n
to ANSI/ASHRAE/IES Standard 90.2-2018

Public Review Draft

Proposed Addendum n to Standard 90.2-2018 High-Performance Energy Design of Residential Buildings

Second Public Review (January 2024)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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

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

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

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

FOREWORD

This proposal incorporates requirements for electric vehicle supply equipment. Requirements are partially based on a 2021 report prepared by PNNL titled "Electric Vehicle Charging for Residential and Commercial Energy Codes"

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

Addendum n to 90.2-2018

Add to Section 3.1 (IP and SI Units):

automobile parking space. A space within a *building* or private or public parking lot, exclusive of driveways, ramps, columns, office and work areas, for the parking of an automobile.

electric vehicle (EV): An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, and electric motorcycles, primarily powered by an electric motor that draws current from a building electrical service, EVSE, a rechargeable storage battery, a fuel cell, a photovoltaic array, ~~on-site energy storage device(s),~~ or another source of electric current. Off-road, self-propelled electric mobile equipment, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats and the like, are not considered electric vehicles.

electric vehicle supply equipment (EVSE): Equipment for plug-in power transfer ~~The conductors,~~ including the ungrounded, grounded and equipment grounding conductors, and the ~~EV~~*electric vehicle* connectors, attachment plugs, personal protection system and all other fittings, devices, power outlets, or apparatuses installed specifically for the purpose of transferring energy between the premises wiring and the ~~EV~~*electric vehicle*.

electric vehicle ready space (EV-ready space). An *automobile parking space* provided with a branch circuit and either an outlet or enclosure for connection to *EVSE*.

~~***EV-capable space:*** A dedicated parking space which is provided with electrical panel capacity and space to support an overcurrent protective device, a branch circuit for each EV parking space, and the installation of raceways or electrical conductors, both underground and surface mounted, to support the EVSE.~~

Modify the standard as follows (IP and SI Units):

5.4 Alteration requirements
When existing *dwelling units* that do not have an *EVSE* installed, an *EV-~~capable~~ready space*, or meet the requirements of Table 7-4 undergo a *substantial energy alteration*, future installation of electrical conductors, conduit, and junction boxes shall be considered to support *EVSE*~~consideration shall be made as to whether installation of electrical conductors, conduit, and junction boxes are practical to support future *EVSE* installation~~. When a *substantial energy alteration* requires an increase to the building electrical service equipment, not less than one future *EV-~~capable~~ready space*(s) shall be included as part of the electrical load calculation for the new equipment.
…

6.4 ERI with Electric Vehicles
Energy utilized for *EV* charging shall be excluded from the *ERI* calculation
…

7.5.4.2 Parking *Garages* and *Parking Lots* Serving *Multifamily Structures*
a. *Parking garages* shall comply with ASHRAE/IES Standard 90.1, Section 9.4.1.2 and Table 9.5.1, if using the Building Area Method, or Section 9.4.1.2 and Table ~~9.6.1~~9.5.2.1-1 if using the Space-by-Space Method.
b. *Parking lots* shall comply with ASHRAE/IES Standard 90.1, Sections 9.4.1.4 and 9.4.2.
c. *Parking garages* and *parking lots* shall comply with Section 7.6.7.
…

7.6.7 Plug-in EV charging

7.6.7.1 Where parking is provided, *EVSE*-installed spaces shall be provided and future installation and use of *EVSE* shall be facilitated through the provision of *EV-~~capable~~ready spaces* provided in compliance with Sections 7.6.7.1 through 7.6.7.5 and Section 9.1.9. Where more than one parking facility is provided on a site, *EV* parking spaces shall be calculated separately for each parking facility. The service panel or subpanel circuit directory shall identify the spaces reserved to support *EV* charging as "EV-~~Capable~~Ready". The raceway location for *EV-~~capable~~ready spaces* shall be permanently and visibly marked as "EV-~~Capable~~Ready".

> Exception: This section does not apply to *automobile parking spaces*~~parking spaces~~ used exclusively for trucks or delivery vehicles.

7.6.7.2 One- to two-family dwellings and townhouses. For each *dwelling unit*, provide at least one *automobile parking space*~~parking space~~ with an *EVSE* installed. If there are fewer *automobile parking spaces*~~parking spaces~~ than *dwelling units*, all *automobile parking spaces*~~parking spaces~~, if any, shall have an *EVSE* installed.

7.6.7.3 Multifamily dwellings (three or more units). *EVSE*-installed and *EV-~~capable~~ready spaces* shall be provided in accordance with Table 7-4. Where the calculation of percent served results in a fractional parking space, it shall round up to the next whole number.

Table 7-4 EVSE Installed and EV-Ready ~~Capable~~ Space Requirements for Multifamily Buildings

Number of automobile parking spaces	Minimum Spaces with EVSE Installed[a]	Minimum EV-ReadyCapable Spaces
1-9	100%	-
10-24	50%	50%
25+	25%	75%
(a). *EVSE*-installed spaces that exceed the minimum requirements in the table shall be permitted to be counted as *EV- capableready spaces* for table compliance.		

7.6.7.4 EV Charging System Capacity. The equipment load(s) on the electrical distribution equipment supplying the branch circuits(s) serving spaces with *EVSE* installed or *EV- capableready spaces* shall be capable of supplying not less than 7.4 kVA full continuous load for each space. Where there are 10 or more spaces with *EVSE* installed and an *EV* energy management system is used to control the load to each parking space, the electrical distribution equipment supplying the branch circuit(s) shall be capable of supplying not less than 3.8 kVA full continuous load for each space simultaneously with all spaces drawing power and not less than 7.4 kVA full continuous load for each space when not greater than half of all spaces are drawing power.

7.6.7.5 EV Charging Circuit Capacity. Each branch circuit serving multiple *EVSE*-installed spaces, *EV*-ready spaces or *EV- capableready spaces* shall be capable of supplying a minimum capacity of 7.4 kVA continuous duty.

…

9.1.9 EV Charging Verification. Construction documents shall indicate the raceway termination point and proposed location of future *EV* spaces and *EV* chargers. Construction documents shall also provide information about the amperage of future *EVSE*, raceway methods, wiring schematics, and electrical load calculations to verify that the electrical panel service capacity and electrical system, including any on-site distribution transformers, have sufficient capacity to meet the requirements of Section 7.6.7.

BSR/ASHRAE/IES Addendum q
to ANSI/ASHRAE/IES Standard 90.2-2018

Public Review Draft

Proposed Addendum q to Standard 90.2-2018, High Performance Energy Design of Residential Buildings

First Public Review (February 2024)
(Draft Shows Proposed Changes to Current Standard)

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

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

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

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

FOREWORD

This addendum comes in response to a continuous maintenance proposal, which correctly noted that a more precise SI conversion should be used for pipe insulation in Section 7.4.3.4.

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

Addendum q to 90.2-2018

Modify Section 4 as follows (SI Units)

7.4.3.4 Insulation. Hot-water piping shall be thermally insulated in a thermally continuous manner in accordance with the following:

a. Pipe with a nominal diameter less than or equal to 2 in. (50 mm) shall be insulated with tubular pipe insulation such that the minimum wall thickness of the pipe insulation is equal to the nominal diameter of the pipe being insulated. The minimum wall thickness of insulation for piping larger than 2 in. (50 mm) shall be 2 in. (50 mm).

b. Pipe insulation shall be installed to within 2 in. (50 mm) of all appliances and fixtures, and to within 1/2 in. (12.5 mm) of all structural members or a wall where the pipe passes through to connect to a fixture.

Exceptions to 7.4.3.4(b):

1. Piping located in insulated *walls* where the pipe is surrounded by not less than 1.0 in. (~~30~~25 mm) of insulation.
2. Piping located in insulated ceilings or floors where the pipe is surrounded by not less than 4 in. (100 mm) of insulation.
3. Piping exposed under sinks and toilets.
4. Where the insulation interferes with provisions for mechanical expansion or the mechanical operation of valves.

…

BSR/ASHRAE/IES Addendum w
to ANSI/ASHRAE/IES Standard 90.1-2022

Public Review Draft

Proposed Addendum w to Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

First Public Review (March 2024)
(Draft Shows Proposed Changes to Current Standard)

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

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

FOREWORD

This addendum proposes a reduction in the decorative lighting allowance to reflect current LED technology and practices. More efficient lighting sources allow for a lower allowance. The decorative lighting allowance was first included in the 1999 Standard and was 1.0 W/ft^2. The value was reduced in 2016 to 0.75 W/ft^2; and in 2022 to 0.7 W/ft^2. This addendum proposes a fixed value of 0.50 W/ft^2 for all spaces.

Because this is an optional allowance in the Standard, a cost effectiveness analysis was not required for this addendum.

9.5.2.2 Additional Interior Lighting Power. When using the Space-by-Space Method, an increase in the *interior lighting power allowance* is allowed for specific lighting functions. Additional power shall be allowed only if the specified lighting is installed and controlled independently of the *general lighting* in accordance with Table 9.5.2.2. This additional power shall be used only for the specified *luminaires* and shall not be used for any other purpose unless otherwise indicated. Lighting control requirements referenced in Section 9.5.2.2 are the only required controls for these applications.

[…]

Table 9.5.2.2 Additional Lighting Power

Section	Description	Additional Lighting Power	Required Controls
9.5.2.2(a)	Decorative	~~0.70~~ 0.50 W/ft^2	Section 9.4.1.1(j)
		[…]	

9.5.2.3 Additional Interior Lighting Power. When using the Space-by-Space Method, an increase in the *interior lighting power allowance* is allowed for specific lighting functions. Additional power shall be allowed only if the specified lighting is installed and controlled independently of the *general lighting* in accordance with Table 9.5.2.2. This additional power shall be used only for the specified *luminaires* and shall not be used for any other purpose unless otherwise indicated. Lighting control requirements referenced in Section 9.5.2.2 are the only required controls for these applications.

[…]

Table 9.5.2.2 Additional Lighting Power

Section	Description	Additional Lighting Power	Required Controls
9.5.2.2(a)	Decorative	~~7.5~~ 5.4 W/m^2	Section 9.4.1.1(j)
		[…]	

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

NSF International Standard/
American National Standard –

NSF/ANSI 12 Automatic Ice Making Equipment

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5 Design and construction

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5.1 General sanitation

5.1.1 Equipment shall be designed and manufactured to prevent the harborage of vermin and the accumulation of dirt and debris, and to permit the inspection, maintenance, servicing, and cleaning of the equipment and its components.

5.1.2 Equipment shall be designed and manufactured so that water intended for ice production may be added, or processed, or finished, or any combination of the three, so that ice may be dispensed, or removed, or served, or any combination of the three, in a sanitary manner.

5.1.3 Food zones shall be readily accessible and easily cleanable or shall be designed for in-place cleaning. Units may be located behind removable access panels, since daily cleaning is not required.

5.1.4 Food zones for which in-place cleaning is intended shall be designed and manufactured so that cleaning and sanitizing solutions may be circulated or passed throughout the fixed system. The design shall ensure that cleaning and sanitizing solutions contact all food contact surfaces. The system shall be self-draining or capable of being completely evacuated. Equipment and appurtenances designed for in-place cleaning shall have a section of the cleaned area accessible for inspection or shall provide for other acceptable inspection methods. The manufacturer shall provide written instructions for the cleaning and sanitizing of all food zone surfaces for which in-place cleaning is intended. The type and concentration of sanitizing agent recommended in the instructions by the manufacturer shall:

— comply with 40 CFR § 180.940[3]; or

— be registered with the US EPA Office of Pesticides Program, Antimicrobials Division as a food contact sanitizer; and

— if produced by a device, as defined per 40 CFR § 152.500[3], be demonstrable to be efficacious per US EPA *Pesticide Assessment Guidelines, Subdivision G: Product Performance*. The device shall maintain a US EPA site manufacturing device establishment number; and

— if produced by a device, as defined per 40 CFR §152.500[3], have in place and readily discernable to the operator a monitor or indicating device that reports that the device is producing adequate amounts of sanitizing agent during the sanitization operation.

Example: a corona discharge monitor for ozone-producing devices.

5.1.5 Ice Making Equipment shall be designed and manufactured with an indicator to signify when the equipment is ready for the next cleaning process, whether by hand or CIP. The indicator shall:

— be triggered to indicate a cleaning cycle interval which must be specified in the manufacturer operational instructions, and

— be evident and obvious at the machine

5.1.~~5~~6 Splash zone surfaces shall be accessible and easily cleanable.

5.1.~~6~~7 Non-food zone surfaces shall be accessible and cleanable.

5.1.~~7~~8 Unexposed non-food zone surfaces shall be accessible or closed.

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5.29 Instruction plate

Automatic ice making equipment shall have a permanently attached plate or label that clearly and legibly states the manufacturer's recommended cleaning and sanitization procedures in accordance with section 7. The plate or label shall be visible on the ice making compartment panel or in the ice making compartment when ~~the ice making compartment panel is removed~~ accessing the ice making compartment for cleaning.

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7 Installation, operation, and maintenance instructions

The manufacturer shall provide instructions for installation, operation, and maintenance of the equipment. ~~The manual~~ These instructions shall include: ~~the manufacturers' recommended cleaning and sanitization procedures.~~

— detailed procedures for cleaning and sanitizing the ice making equipment, associated storage bins and all other accessories necessary for the production, transport and storage of potable ice, and

— the recommended frequency for cleaning and sanitizing the ice making equipment, associated storage bins and all other accessories necessary for the production, transport and storage of potable ice.

***Rationale**: This issue was originally presented during the 2016 JC Face to Face as an information paper. Since that time the TG has met and discussed in great detail over many hours, the details of which are available within the many meeting summaries. Through this discussion, the group determined many things about Ice machine cleanability and decided this language revision best addresses the gaps seen in the manner this equipment is used and misused in the field.*

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

NSF/ANSI/CAN Standard
for Drinking Water Additives –

Drinking Water System Components – Health Effects

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Normative Annex 1

Product / material evaluation

N-1.1 Background

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N-1.4 Mechanical devices

N-1.4.1 Samples

Samples shall consist of the entire device, portion(s) / component(s) of the device, or a specimen of the material(s). The manufacturer shall have the option to request that the samples represent a product line of varying sizes, as described below. When it is necessary to calculate normalization factor(s), the wetted exposed surface area of the sample shall be calculated and recorded prior to testing.

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N-1.4.4 Exposure

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N-1.4.4.3 Chemical feeder and chemical generator exposure

N-1.4.4.3.1 Complete devices

Complete devices shall be operated per manufacturer's instructions until the produced chemical reaches

the target concentration ~~target dose levels are achieved~~. The device ~~unit~~ is then turned off for a minimum of ~~a~~ 4 h ~~period at 23 ± 2 °C (73 ± 4 °F)~~. After 4 h (or other appropriate dwell period, see below), the device shall be restarted and operated until it produces a volume of chemical equivalent to the system volume or a sufficient volume for analytical testing, whichever is greater. The system volume is the total volume of the device; if the device requires an exposure rig for normal operation, the system volume is the total volume of the device and the attached rig. A sample of the produced chemical shall be drawn from the volume collected and prepared in accordance with the preparation methods in NSF/ANSI/CAN 60. The sample of produced chemical shall be collected in a vessel appropriate for shipping and storage.

If it will take longer than 1 h to collect a volume of chemical equivalent to the system volume, it is acceptable to reduce the 4 h exposure period so that the entire hold time and collection time is equivalent to 5 h. If it will take longer than 4 h to collect the system volume, the device ~~unit~~ shall be turned off for a minimum of a 1 h period prior to collection of the entire system volume.

Devices shall be exposed at 23 ± 2 °C (73 ± 4 °F) or the ambient temperature at which the device normally operates. ~~For devices that normally operate at lower or higher temperatures, the exposure shall be at the normal operating temperature.~~ ~~The extractant shall be collected in a vessel appropriate for shipping and storage.~~

For chemical feeders, a sample of the raw feed chemical(s) ~~prior to feeding~~ shall be collected ~~if possible~~. For chemical generators, samples of the raw precursor chemicals ~~if applicable~~ shall be collected. For all devices where the produced chemical ~~extractant~~ is a ~~mixture of~~ mixed with water ~~and the chemical(s)~~, a sample of the influent water shall be collected and preserved as described in Section N-1.6. ~~The extractant shall be prepared in accordance with the preparation methods in NSF/ANSI/CAN 60.~~ Samples of the feed or precursor chemicals ~~prior to feeding samples of raw materials,~~ and influent water samples~~,~~ shall be analyzed for background levels of contaminants only if~~, after normalization,~~ the normalized concentration of a contaminant(s) exceeds the SPAC (see Section N-1.8.5).

N-1.4.4.3.2 Components of chemical feeders and chemical generators exposure

The component samples shall be exposed to the appropriate drinking water treatment chemical or chemical mixture for a minimum of 4 h (or for a longer period as recommended by the manufacturer) at 23 ± 2 °C (73 ± 4 °F). Components that are only exposed to influent water during normal operation of the device shall be exposed to reagent water (see Section N-1.9.2.1). For components of devices that normally operate at lower or higher ambient temperatures, the exposure shall be at the normal operating ambient temperature if laboratory conditions allow. If exposure at lower or higher ambient temperatures is not possible due to safety, equipment, or other laboratory concerns, component exposure may take place at 23 ± 2 °C (73 ± 4 °F). ~~The extractant shall be collected in a vessel appropriate for shipping and storage. For chemical feeder component, a sample of the chemical prior to feeding shall be collected if possible. For chemical generators, samples of the raw precursor chemicals if applicable shall be collected. For all devices where the extractant is a mixture of water and the chemical(s), a sample of the influent water shall be collected and preserved as described in Section N-1.6. The extractant shall be prepared in accordance with the preparation methods in NSF/ANSI/CAN 60. Samples of the chemicals prior to feeding samples of raw materials, and influent water samples, shall be analyzed for background levels of contaminants only if, after normalization, the concentration of a contaminant(s) exceeds the SPAC (see Section N-1.8.5).~~ At the end of the 4 h exposure period, the chemical or chemical mixture is poured off and then analyzed after appropriate dilution (if applicable). A control sample of the chemical or chemical mixture shall be analyzed for background levels of contamination.

N-1.4.4.3.3 Cu/Ag generator electrodes

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Rationale: Revised language provides clarity and conformity in the evaluation of chemical generators, chemical feeders, and their components. Removes language that is specific to complete device exposures and add language specific to component exposures, which are expected to take place in a laboratory setting and not in the field.

UL 248-19, Standard for Low-Voltage Fuses - Part 19: Photovoltaic

PROPOSAL

1.1 This Part applies to fuses for photovoltaic (PV) systems rated up to ~~1500~~ 2000 Vdc.
3.2.1 The voltage rating may be up to ~~1500~~ 2000 Vdc. Preferred ratings are 600 V, 750 V, 1000 V, 1250 V, ~~and~~ 1500 V, and 2000 V.

BSR/UL 1072 Standard for Safety for Medium-Voltage Power Cables

Topic 1. Clarification of Cable Sample test voltages in 41.2 for Room-Temperature Relative Permittivity and Power Factor Tests at Rated Voltage for EP, DREP, and XLPE Insulations on 8 – 35-kV Circuit Conductors

PROPOSAL

41.2 To determine whether or not the insulation complies with the requirements in 41.1 (each requirement is also stated in the item of the properties table for the material indicated in brackets in 41.1), tests shall be conducted on samples from one of the voltage levels listed in the following, using 100 % insulation level thickness. Either ~~are to be made using~~ four 13-ft ~~or~~ (4.0-m) specimens of 8- and 15-kV circuit conductors, or four ~~and~~ 17-ft ~~or~~ (5.2-m) specimens of 25-, 28-, and 35-kV circuit conductors shall be tested. The specimens of the insulated conductor are to be taken after cross-linking and before application of any insulation shielding or other covering over the insulation. After not less than 48 h from the time of cross-linking, two specimens are to be dried for 24 h in air at a temperature of 70.0 ±1.0 °C (158.0 ±1.8 °F) before being immersed in water.

Topic 2. Deletion of ANSI Z136 reference, and editorial corrections.

70 On or in the Cable

70.1 The following information [except for the conductor-metal identification specified in (e) and (n), the sequence of the items is not specified] shall appear at the intervals indicated in 67.1 throughout the entire length of the finished cable. Other information, where added, shall not confuse or mislead and shall not conflict with these requirements. See 74.1 and 74.2 for date marking. See also 69.1.

m) For a cable that contains one or more optical-fiber members the following pair of statements or other statements to the same effect.

"The optical-fiber portion(s) of this cable are for installation as described in Article 770 and other applicable parts of the National Electrical Code (NEC), NFPA 70. ~~Systems using optical fibers shall comply with the safety recommendations of the ANSI Z136 standards~~."

30 Test or Examination for Integrity and Continuity of Non-conductive Jacket Over Insulation Shielding or Over a Metal Sheath or Armor

30.3 A spark tester shall include a voltage source, an electrode, a voltmeter, a fault-signal device or system, and the necessary electrical connections. The ability of the equipment to comply with the requirements in 30.4 – 30.10 shall be certified at least annually by an accredited independent calibration service or its equivalent, such as checking the test potential with a voltmeter whose calibration is traceable. Calibration shall be traceable to ~~a National Institute of Standards and Technology (USA) Standard or to other national physical measures recognized as equivalent by NIST.~~ the U.S National Institute of Standards and Technology, or other national metrology institution.

1.1 These requirements cover the shielded and nonshielded medium-voltage power cables that are described in Table 1.1 (single-conductor) and Table 1.2 (multiple-conductor). Multiple-conductor cables may include one or more individually jacketed non-conductive optical-fiber members. These electrical and hybrid electrical and optical-fiber cables are for use (optical and electrical functions associated in the case of a hybrid cable) in accordance with Article 328 and other applicable parts of the National Electrical Code (NEC), ~~ANSI/~~NFPA 70.

Topic 3. Revision to referenced standards to match the latest undated editions.

PROPOSAL

29.5 Circuits that provide Safety Critical Functions

10 Strand Filler

10.1 A moisture-excluding filler material is acceptable in the interstices of the inner layers of the conductor strands for the purpose of keeping moisture from entering the cable. Such a material shall be investigated and found acceptable. The investigation shall consist of testing to determine that the material does not have a detrimental effect on either of the following:

a) The conductor stress relief layer – The test is described in ~~Insulated Cable Engineers Association Publication T-32-645, 1993 "Guide for Establishing Compatibility of Sealed Conductor Filler Compounds with Conducting Stress Control Materials"~~, ICEA T-32-645, Test Method for Establishing Volume Resistivity Compatibility of Water Blocking Components with Extruded Semiconducting Shield Materials.

43 Environmental Cracking Test of Non-conductive PE Jacket

43.2 Six test specimens measuring approximately 1.5 inches by 0.5 inch by 0.125 inch or 38 mm by 13 mm by 3 mm are to be prepared from samples of the non-conductive PE jacket taken from the finished cable. The specimens are to be prepared by the compression and heat molding process that is described ~~as Procedure C in ASTM D 1928~~ in ASTM D4703, except that the temperature of each newly molded specimen may be lowered at any convenient rate. Note that, according to Table 1 of ASTM D 1248, uncolored and unfilled PE resin is typed by density (g/cm3) as follows. ~~Note~~ Also, ~~that~~ only Type I PE is used in Type MV cable.

Topic 4. Updates to Section 3, References, and addition of a list of referenced publications.

PROPOSAL

3 Referenced Publications

3.1 Wherever the designation "UL 1581" is used in this cable standard, reference is to be made to the designated part(s) of the Reference Standard for Electrical Wires, Cables, and Flexible Cords (UL 1581).

3.2 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.

3.3 The following publications are referenced in this standard:

ASTM B3: *Standard Specification for Soft or Annealed Copper Wire*.

ASTM B8: *Standard Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft*.

ASTM B33: *Standard Specification for Tin-Coated Soft or Annealed Copper Wire for Electrical Purposes*.

ASTM B230: *Standard Specification for Aluminum 1350–H19 Wire for Electrical Purposes*.

ASTM B231/B231M: *Standard Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors*.

ASTM D257: *Standard Test Methods for DC Resistance or Conductance of Insulating Materials*.

ASTM B400/B400M: *Standard Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors*.

ASTM D412: *Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension*.

ASTM B496: *Standard Specification for Compact Round Concentric-Lay-Stranded Copper Conductors.*

ASTM D746: *Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact.*

ASTM D1248: *Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable.*

ASTM D1693: *Standard Test Method for Environmental Stress-Cracking of Ethylene Plastics.*

ASTM D4703: *Standard Practice for Compression Molding Thermoplastic Materials into Test Specimens, Plaques, or Sheets.*

ASTM D2132: *Standard Test Method for Dust-and-Fog Tracking and Erosion Resistance of Electrical Insulating Materials.*

ASTM D2275: *Standard Test Method for Voltage Endurance of Solid Electrical Insulating Materials Subjected to Partial Discharges (Corona) on the Surface*

ASTM D2765: *Standard Test Methods for Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics.*

ICEA T-32-645: *Test Method for Establishing Volume Resistivity Compatibility of Water Blocking Components with Extruded Semiconducting Shield Materials*

NFPA 70: *National Electrical Code (NEC).*

UL 486A-486B: *Standard for Wire Connectors.*

UL 1581: *Reference Standard for Electrical Wires, Cables, and Flexible Cords.*

UL 1685: *Standard Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables.*

BSR/UL _2748___, Standard for Safety for __ Standard for Arcing Fault Quenching Equipment _____

1. Addition of Requirements for Option to Perform Arc Transfer Test at Less Than Maximum Rated Voltage

2. Editorial update to add the Referenced Publications

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1. Addition of Requirements for Option to Perform Arc Transfer Test at Less Than Maximum Rated Voltage

5.3A BOLTED FAULT **–** A short circuit or electrical contact between two conductors at different potentials in which the impedance or resistance between the conductors is essentially zero.

19.1 Arc transfer testing shall be conducted to demonstrate the maximum time for an arcing fault to transfer to the intended lower impedance fault. ~~This test shall be conducted at maximum rated voltage and shall demonstrate the transfer time required at the maximum rated withstand current. For quenching devices with a specified minimum rated arcing fault current, the test shall also be conducted at the minimum rated arcing fault current.~~

19.1A The test shall be conducted as described in 18.3.

19.1B This test shall be conducted at maximum rated voltage and shall demonstrate the transfer time required at the maximum rated withstand current. For quenching devices with a specified minimum rated arcing fault current, the test shall also be conducted at the minimum rated arcing fault current.

19.1C For devices that are rated for applications greater than 5000 V, and which create a bolted fault through a switching action, the Arc Transfer Test may be performed at a voltage less than the maximum rated voltage of the quenching device in order to accommodate lab limitations. When less than maximum rated voltage is used, the tests specified in Section 19B, Arc Transfer Test at Reduced Voltage, and Section 19C, Fault Close Test at Rated Voltage, shall be conducted.

19B Arc Transfer Test at Reduced Voltage

19B.1 Test voltage is to be the maximum possible and no lower than 5000 V.

19B.2 The circuit is to be calibrated by applying current to the incoming terminals of the equipment, using cable or bus, with a shorting bar connected to the farthest point in the circuit from the incoming source (for example, the outgoing terminals of the last circuit breaker or switch) or at the location where the arc will be initiated (if an appropriate bolted connection can be made at that location).

19B.3 The maximum rated withstand current level shall be maintained.

19B.4 Arcing shall sustain for the full duration of time between initiation and quenching. If the arc extinguishes before the quenching device transfers it, the test is invalid.

19C Fault Close Test at Rated Voltage

19C.1 An additional test shall be performed to demonstrate the quenching device's ability to withstand activation at maximum rated voltage and maximum rated current.

19C.2 This test shall be conducted at maximum rated voltage.

19C.3 The circuit is to be calibrated by applying current to the incoming terminals of the equipment, using cable or bus, with a shorting bar connected to the farthest point in the circuit from the incoming source (for example, the outgoing terminals of the last circuit breaker or switch) or at the location where the arc will be initiated (if an appropriate bolted connection can be made at that location).

19C.4 This test current shall flow for not less than 10 cycles after activation of the device.

19C.5 Quenching devices that are intended to be reset, rather than repaired or replaced, shall have functioned without failure after the quenching operation and the overall functional condition shall be unaffected.

19C.6 Quenching devices that are intended to be reset, rather than repaired or replaced, after a quenching operation shall meet the Power Frequency Withstand Test for insulation integrity after the device has been reset following the fault-making test.

19C.7 Quenching devices that are intended to be repaired or replaced need not be functional after the test. Quenching devices that require repair or replacement after a quenching operation are not required to test for insulation integrity.

2. Editorial update to add the Referenced Publications

4 ~~Undated References~~ Referenced Publications

4.2 The following publications are referenced in this Standard:

NEMA C37.51, *Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies – Conformance Test Procedures*

NEMA C37.57, *Metal-Enclosed Interrupter Switchgear Assemblies – Conformance Testing*

IEEE C37.20.1, *Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear*

IEEE C37.20.2, *Metal Clad Switchgear*

IEEE C37.20.3, *Metal-Enclosed Interrupter Switchgear*

IEEE C37.20.7, *Guide for Testing Metal-Enclosed Switchgear Rated Up to 38 kV for Internal Arcing Faults*

IEEE C37.90, *Relays and Relay Systems Associated with Electric Power Apparatus*

IEEE C37.90.1, *Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electrical Power Apparatus*

IEEE C37.90.2, *Standard for Withstand Capability of Relay Systems to Radiated Electromagnetic Interference from Transceivers*

IEEE C37.90.3, *Standard for Electrostatic Discharge Tests for Protective Relays*

UL 50E, *Enclosure for Electrical Equipment, Environmental Considerations*

UL 508, *Industrial Control Equipment*

UL 840, *Insulation Coordination Including Clearance and Creepage Distances for Electrical Equipment*

UL 1558, *Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear*

UL 60947-1, *Low-Voltage Switchgear and Controlgear – Part 1: General rules*

BSR/UL 2999, Standard for Safety for Individual Commercial Office Furnishings

1. Addition of UL 62133-2 to 3.2.1.4

PROPOSAL

3.2.1.4 Batteries of a type other than specified in ~~3.2.1.2~~ 3.2.1.1 shall comply with the requirements of the Standard for Household and Commercial Batteries, UL 2054, or the Standard for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications – Part 2: Lithium Systems, UL 62133-2, and if of the lead acid storage battery type, shall additionally comply with the Pressure Release Test, Flame Arrester ~~and~~ Vent Cap Tests in the Standard for ~~Standby Batteries~~Valve Regulated or Vented Batteries with Aqueous Electrolytes, UL 1989.

2. Revisions to Table 34.1 and Table 35.1

PROPOSAL

Table 34.1
Desk / Table ~~products~~Products ANSI/BIFMA X5.5-~~2014~~2021

Section	Test Name
5.2	Concentrated Functional Load
5.3	Distributed Functional Load
5.4	Concentrated Proof Load
5.5	Distributed Proof Load
5.6	Transactional Surface Torsion Load
5.7	Extendible Element Static Load
5.8	Benching Systems – Distributed Functional Load and Stability
5.9	Benching Systems – Distributed Proof Load
~~6~~	~~Top Load Ease Cycle~~
7	Desk/Table Unit Drop
8	Leg Strength
9	Separation Tests for Tall Desk/Table Products
13	Interlock Strength
~~15~~	~~Work Surface Vertical Adjustment~~
16	Keyboard Support and Input Device Support Adjustment
17.2 & 17.3	Vertical Hinged & Vertical Receding Doors, BiFold, and Multi-Fold Strength
5.3 & 5.4	Bottom Horizontal Hinged Strength
17.4	Vertical Receding Strength
17.5	Horizontal Receding Strength
20	Tilting Top Table – Cycle
21	Tilting Top Table – Latch Strength
22	Monitor Arm Strength
23	Monitor Arm Cycle

Table 35.1
Storage ~~units~~Units ANSI/BIFMA X5.9-2019

Section	Test Name
4.2	Concentrated Functional Load
4.3	Distributed Functional Load
4.4	Concentrated Proof Load

4.5	Distributed Proof Load
4.6	Extendible Element Static Load
5	Leg/Glide Assembly Strength
6	Racking Resistance
~~7.1~~	~~Top Load Ease Cycle~~
7.2	Drop Test – Dynamic – for Units with Seat Surfaces
7.3	Durability Test for Units with Seating Surfaces – Cyclic Impact
9.2	Horizontal Force Stability Test for Storage Units without Extendible Elements
9.3	Stability Test for Type I Units with at least one Extendible Element
9.4	Stability Test for Type I Storage Units with Multiple Extendible Elements
9.5	Stability Test for Type II Storage Units with Extendible Elements
9.6	Vertical Force Stability Test for Storage Units
9.7	Stability Test for Pedestals/Storage Units with Seat Surfaces

UL 4248-19, Standard for Fuseholders - Part 19: Photovoltaic Fuseholders

PROPOSAL

1.2 This Part applies to Fuseholders for Photovoltaic (PV) Systems rated up to ~~1500~~ 2000 Vdc.
5.1 Fuseholders for use with photovoltaic (PV) fuses shall have a minimum short-circuit withstand rating of 10 kA and shall be rated ~~1500~~ 2000 Vdc maximum.
6.1 Fuseholders for use with photovoltaic (PV) fuses may be rated ~~1500~~ 2000 Vdc maximum, and the preferred ratings are 600 V, 750 V, 1000 V, 1250 V, ~~and~~ 1500 V, and 2000 V. Fuseholders having a latching or locking type PV connector shall not be rated greater than 1500 Vdc.
7.2 The information on a fuseholder shall be legible and include the following:

a) "Use Photovoltaic (PV) Fuses" or equivalent and « Utiliser des fusibles photovoltaïques » or the equivalent and "Utilizar fusibles fotovoltaicos (PV)" or equivalent;
b) "Line" and "Load" for panel mount and in-line fuseholders and « Secteur » et « Charge » and "Línea" y "Carga";
c) "DO NOT OPEN or REMOVE UNDER LOAD" or equivalent and « NE PAS UTILISER SOUS CHARGE » or the equivalent and "NO ABRIR O QUITAR BAJO CARGA" or equivalent (intended for modular design photovoltaic (PV) fuseholders such that the fuse is inserted or removed by use of a carrier)~~; and~~
d) "Do Not Connect or Disconnect under Load" or equivalent and « NE PAS BRANCHER OU DÉBRANCHER SOUS CHARGE » or the equivalent and "No conectar o desconectar bajo carga" or equivalent (intended for photovoltaic (PV) fuseholders that include a latching or locking type PV connector feature)~~.~~; and
e) Fuseholders with voltage ratings higher than 1500 Vdc shall be marked with the following or equivalent: "DANGER: Risk of Electric Shock. Disconnect circuit before replacing fuses" and Danger: Risque de choc électrique. Débranchez le circuit avant de remplacer les fusibles » and Peligro: Riesgo de descarga eléctrica. Desconecte el circuito antes de reemplazar los fusibles

8.1 In addition to the requirements of Part 1, in-line photovoltaic (PV) fuseholders that include ~~a wire~~ a latching or locking type PV connector feature, or fuseholders that are intended for unprotected outdoor use shall comply with the requirements of UL 6703 or CSA C22.2 No. 182.5.