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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.

AWS (American Welding Society)

Brenda Boddiger <bboddiger@aws.org> | 8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

New Standard

BSR/AWS B5.31-202x, Specification for the Qualification of ASME B31 Owners Inspectors (new standard)
Stakeholders: Owners of facilities that utilize piping systems It is estimated there are at least 50,000 individuals who claim they ensure that all installed piping systems meet the requirements in the ASME B31 Codes, though there is no formally recognized qualification for this function.

Project Need: Owners of facilities that utilize piping systems have an obligation to ensure that all installed piping systems meet the requirements in the ASME B31 Codes. The B31 Codes specify that this obligation is met through the services of an Owner's Inspector. However, the exact tasks, duties, and qualifications of Owner's Inspectors are poorly defined. Several ASME B31 piping codes (B31.1, B31.3, B31.5, B31.9, B31.12) have responsibilities for Owner's Inspector. Many owners are unaware of this responsibility and turn this function over to the fabricator, which does not follow the intent of the ASME code. The Owner's Inspector must be employed by, or represent, the owner. ASME has no interest in having this qualification under their Conformity Assessment Program. Hence, there's a gap in industry for a qualified Owner's Inspector.

Interest Categories: General Interest, Educator, User, Producer

To define the scope, functions, education, experience, and examination requirements for the qualification of Owner's Inspectors.

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 SP3.5-202X, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Test Methods for Air Assist Bar Ionizers, Soft X-Ray (Photon) Ionizers, Alternative Room Ionization, and Non-Airflow Alpha Ionizers (revision of ANSI/ESD SP3.5-2020)
Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial

Project Need: This document describes ionization qualification and periodic verification test methods for types of ionizers and room ionization alternatives, which are not delineated in ANSI/ESD STM3.1 or ANSI/ESD SP3.3.

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

This document provides measurement techniques, under specified conditions, to determine offset voltage and discharge time for ionizers for qualification and periodic verification tests in production locations. This document does not include electromagnetic interference (EMI) measurements or uses of ionizers in connection with ammunition, flammables, explosive items, or electrically initiated explosive devices.

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 STM11.13-202X, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Two-Point Resistance Measurement (revision of ANSI/ESD STM11.13-2021)
Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial

Project Need: This document provides a test method for measuring the resistance between two points on the surface of an item.

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

This document is intended for measuring materials with a resistance of greater than or equal to 1.0 x 10^4 ohms and less than 1.0 x 10^11 ohms.

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 STM7.1-202X, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Flooring Systems - Resistive Characterization (revision of ANSI/ESD STM7.1-2020)
Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial

Project Need: This document is intended to be used for the resistive characterization of flooring systems used for controlling electrostatic charge. It also provides test methods for the qualification of flooring systems before installation or application and test methods for acceptance of flooring systems after installation or application.

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

This document is intended for testing flooring systems used for grounding personnel and equipment in areas engaged in working with ESD-sensitive items. The resistances measured here are from the flooring system's top surface to its groundable point (or the ground reference) and from top surface to top surface locations. This document provides a method for measuring the resistance of flooring systems with resistance greater than 1.0 x 10^4 ohms and less than 1.0 x 10^9 ohms. Use of this document or the procedures defined herein does not apply to facilities where ordnance, flammables, or explosives are stored or handled. For these concerns, refer to ASTM F150.

IEEE (Institute of Electrical and Electronics Engineers)

Teresa Belmont <t.belmont@ieee.org> | 501 Hoes Lane, 3rd Floor | Piscataway, NJ 08854 www.ieee.org

New Standard

BSR/IEEE 754-202x, Standard for Floating-Point Arithmetic (new standard)
Stakeholders: All computer producers and users.

Project Need: Correct, expand, and update IEEE Std 754-2019

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

This standard specifies formats and operations for floating-point arithmetic in computer systems. The interconversion of formats within an implementation and the exchange of data between implementations are specified. Exception conditions are defined, and handling of these conditions is specified.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1250-202x, Guide for Identifying and Improving Voltage Quality in Power Systems (new standard)
Stakeholders: Electric utilities, electric utility end-use customers, electric power system consultants, stakeholders, electric end-use equipment manufacturers and other power quality practitioners.

Project Need: This project is being requested in order to update the document to the current state of power quality and grid modernization technology. Also, we will add and update various references to other relevant power quality industry standards. The working group will review for editorial changes.

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

This guide discusses ways to identify and improve power quality in electric power systems. Furthermore, the guide provides references to publications in this area. The guide includes the following: (a) Power quality levels on electric power systems from benchmarking studies; (b) Factors that affect electric power system power quality; (c) Mitigation measures that improve electric power system power quality; and (d) References to current relevant in-depth IEEE standards and other documents. This guide addresses power quality topics in depth where no other IEEE standard does so. It is an introductory document for power quality topics in electric power systems.

IEEE (Institute of Electrical and Electronics Engineers)

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

Revision

BSR/IEEE 1707-202x, Recommended Practice for the Investigation of Events at Nuclear Facilities (revision of ANSI/IEEE 1707-2015)
Stakeholders: Event investigation practitioners and managers at nuclear facilities, regulatory and other government agencies, and nuclear industry review groups.

Project Need: The original document is nearing its ten-year anniversary. There is a recognized need to keep the Recommend Practice in an active status for another ten years. This revision will update bibliographic references as necessary and revise the guidance to reflect the state-of-the-art, including the use of digital applications in the conduct of event investigations

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

This document provides common terminology and recommended practices for initiating and conducting event investigations related to personnel, processes, equipment, and systems at nuclear facilities, including: analyzing data, producing results, and identifying corrective actions.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 2845-202x, Standard for Testing and Evaluating the Dielectric Performance of Celebratory Balloons in Contact with Overhead Power Distribution Lines Rated up to 38 kV System Voltage (new standard)
Stakeholders: Utility Engineers, manufacturers, general public, environmental and safety advocates.

Project Need: Revising the trail use to full use, based on comments received from the trail use.

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

This standard applies to celebratory balloons, particularly balloons commonly referred to as foil party balloons which are readily available in retail stores, filled with an inflation gas or gases causing the balloon to become buoyant in air. This test procedure evaluates the inflated balloon's dielectric performance when in contact with simulated energized overhead distribution power lines with the intent of minimizing balloon-caused electrical faults, power system outages, or fires. The scope is limited to distribution system voltages of 38 kV or less with singular inflated balloons. The effects of moisture, contaminants, or string or ribbon attachments to the balloon are not investigated under this procedure.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 3387-202x, Guide for Contactless Current Measurement for High-Voltage (4.76 kV to 800 kV) Multi-Phase Multi-Core Power Cables Based on Magnetic Field Sensing (new standard)
Stakeholders: Power transmission and distribution industry.

Project Need: Traditionally, people have been using current transformers or current clamps to perform current measurement on power cables. However, current transformers and current clamps require access to the individual conductors and penetration of multi-phase multi-core cables. A current measurement technique based on contactless magnetic field sensing has emerged. With this technique, simultaneous measurement of the currents of each phase conductor can be carried out without penetrating multi-phase multi-core cables. An IEEE guide should help improve the understanding and acceptance of such measurement techniques.

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

This guide is for conducting current measurement of high-voltage (4.76 kV to 800 kV) multi-phase multi-core power cables based on contactless magnetic field sensing.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 3465-202x, Standard for Magnetoresistive Immunity Verification of Magnetoresistive Random Access Memory (new standard)
Stakeholders: The stakeholders for this standard include equipment manufacturers for MRAM deposition and lithographic patterning equipment; industrial foundries that carry out the manufacturing using this equipment as standalone and embedded memory chips; test equipment manufacturers who provide tools to assess quality of MRAM films and device performance; customers who develop integrated components that include MRAM chips; and end-users across wide industries that include information technology, automotive, space and finance, among others.

Project Need: MRAM as an emerging nonvolatile memory has gained more and more attention. By default, all devices with magnetic materials are subject to magnetic field immunity problems. This project aims to develop magnetic immunity standards for all future MRAM products.

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

The standard specifies a method to verify the Magnetic Immunity (MI) of Magnetoresistive Random Access Memory (MRAM), in both discrete and embedded random access memory integrated circuit environments. In particular, measurement conditions are defined to evaluate the maximum static magnetic field allowed, in order to meet a prescribed bit error rate (BER), or number of errors per MRAM operation. MRAM operations include "read," "write," "power-off," and "stand-by." As a vectorial quantity, recommended maximum static field may be described as a function of angular orientation with respect to an integrated circuit substrate, or in terms of a worst-case angle, is determined by theory based on the magnetostatic free energy of an MRAM device. Measurements may be made on packaged MRAM integrated chips and MRAM on unpackaged substrate wafers alike. The verification results may be used to define the maximum static field allowed in order to meet the bit error rate is defined in an MRAM suppliers specifications sheet (data sheet).

IEEE (Institute of Electrical and Electronics Engineers)

Teresa Belmont <t.belmont@ieee.org> | 501 Hoes Lane, 3rd Floor | Piscataway, NJ 08854 www.ieee.org

New Standard

BSR/IEEE 29119-8-202x, Software and systems engineering — Software testing — Part 8: Model-based Testing (new standard)
Stakeholders: Software developers, testers, quality assurance staff, and managers involved in the software testing.

Project Need: No generic defined standard currently provides requirements and guidance on applying the ISO/IEC/IEEE 29119 series by using models of the software under test. Modelling systems and their associated safety, security, performance, quality and functionality testing elements are critical.

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

This standard provides requirements and guidelines on applying model-based testing (MBT) to software testing consistent with the processes defined in the ISO/IEC/IEEE 29119 series of standards. This standard addresses the following areas: (a) Definitions for MBT; (b) Mapping of the MBT tasks to ISO/IEC/IEEE 29119-2; (c) How the processes in ISO/IEC/IEEE 29119-2 are extended for MBT; (d) Measures to be collected for the MBT tasks. In MBT, the generation and execution of testware are automated. The MBT generation algorithm implementation is tool dependent and, therefore, is out of the scope. The MBT tool selection is also out of the scope.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 48404.2-202x, Standard for Terminations and Joints for Extruded and Laminated Dielectric Shielded Cables Rated 69 kV through 500 kV (new standard)
Stakeholders: Manufacturers of cable terminations and joints, electrical utilities, industrial and other users of transmission cable systems, construction companies and EPCs.

Project Need: This Standard will replace current IEEE 48 and IEEE 404

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

This Standard establishes electrical ratings and test requirements for qualification of cable accessories - terminations and joints - used with alternating-current (AC) extruded and laminar dielectric shielded cables rated in preferred voltage steps from 69 kV to 500 kV.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C37.20.7.1-202x, Guide for Application, Installation, and Use of Switchgear Rated Up to 52 kV Tested for Internal Arcing Faults (new standard)
Stakeholders: All users, electrical design consultants, and architects serving the industrial and commercial facility construction market as well as equipment providers.

Project Need: There is a need to expand the application guidance for switchgear tested for internal arcing faults to address the risk control measures consistent within NFPA 70E. IEEE Std C37.20.7 provides details which are more applicable to equipment designers and test laboratories rather than users. There is a need for additional application details for users. This document is intended to replace the application Annex B within IEEE Std C37.20.7.

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

This guide addresses typical considerations for the application, installation, and use of switchgear that is arc resistant in accordance with the requirements of IEEE Std C37.20.7™, Recommended Practice for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C37.62-202x, Standard for Pad-Mounted Dry Vault, Submersible, and Overhead Fault Interrupters for Alternating Current Systems Up to and Including 38 kV (new standard)
Stakeholders: The stakeholders include users, manufacturers, and specifiers of switchgear equipment.

Project Need: A revision of this document is required to achieve ANSI accreditation.

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

This standard applies to all pad-mounted, dry vault, submersible, and overhead single- or multi-pole alternating current fault interrupters (FIs) for rated maximum voltages above 1000 V and up to and including 38 kV. Devices that require a dependent manual operation are not covered by this standard.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Revision

BSR NEMA WC 66/ICEA S-116-732-202x, Standard for Category 6 and 6A, 100 Ohm, Individually Unshielded Twisted Pairs, Indoor Cables (With or Without an Overall Shield) for Use in LAN Communication Wiring Systems (revision of ANSI/NEMA WC 66/ICEA S-166-732-2019)

Stakeholders: Users and producers of telecommunications wire and cable, and shipboard

Project Need: To bring the standard in line with the current state of the art.

Interest Categories: Producers, Users and General Interests

This standards publication covers mechanical, electrical and flammability requirements for thermoplastic insulated and jacketed, copper conductor, individually unshielded twisted pairs, with or without overall shield intended for use as horizontal cables, backbone cables, or in the manufacture of patch cords. Depending upon the application and system requirements, this Standard provides choices for materials and flammability ratings.

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: August 4, 2024

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

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

Addenda

BSR/ASHRAE/ICC/IES/USGBC Addendum f to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023)
This addendum seeks to accelerate the retirement of legacy uses of mercury containing light sources. Lighting power density in ASHRAE Standard 90.1 and 189.1 are based on LED light sources as they cost-effectively reduce the amount of power required to provide the same amount of light delivered to the task. There are a few exceptions proposed: discharge light sources using mercury gas are still the most energy-efficient way of providing ultraviolet lighting used for disinfection, medical treatment, industrial processes, and navigational lighting. Table 9.9, Maximum Mercury Content for Electric Lamps, is removed to reflect the proposed requirement. Supplemental links for further justification is provided for the reviewer's convenience.
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

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 61010-1-202x, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements (national adoption of IEC 61010-1 with modifications and revision of ANSI/UL 61010-1-2023)
(1) Revisions to the proposal document dated March 1, 2024, per responses to comments received.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: August 4, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 539-202x, Standard for Single and Multiple Station Heat Alarms (revision of ANSI/UL 539-2022)
As written, Table 7.1 can be construed to only allow heat alarms in the entire range of 135 to 174 degrees Fahrenheit to be installed at a maximum of 115 regardless of where its operating temperature falls in that range. This change aligns UL 539 with NFPA 72, 17.6.2.3.2, which simply requires that the device have a 20-guard band between the maximum installed temperature and the set point (NFPA 72-2022, 7.6.2.3.2). The temperature rating of the detector shall be at least 20°F (11°C) above the maximum expected temperature at the ceiling.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.com

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2034-202x, Standard for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034 -2024)
These requirements cover electrically operated single- and multiple-station carbon monoxide (CO) alarms intended for protection in ordinary indoor locations and unconditioned areas, as per applicable governing laws, codes, and standards. This includes, but is not limited to, recreational vehicles, mobile homes, commercial vehicles, and recreational boats with enclosed accommodation spaces and cockpit areas.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.com

Comment Deadline: August 19, 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 056-202x, Standard for Evaluation of Measurement Uncertainty in Forensic Toxicology (new standard)
This document provides minimum requirements for evaluating measurement uncertainty for forensic toxicology testing activities as well as calibration of breath-alcohol measuring instruments. It does not address evaluating measurement uncertainty for breath-alcohol testing.
Single copy price: Free
Obtain an electronic copy from: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: August 19, 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 203-202x, Standard for the Development of a Bloodstain Pattern Analyst Certification Program (new standard)
This document establishes the requirements for the development of a Bloodstain Pattern Analyst Certification program by certification providers.
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

AAFS (American Academy of Forensic Sciences)
410 North 21st Street, Colorado Springs, CO 80904 | tambrosius@aafs.org, www.aafs.org

Revision

BSR/ASB Std 017-202x, Standard for Metrological Traceability in Forensic Toxicology (revision of ANSI/ASB Std 017-2018)
This standard defines the minimum requirements for establishing metrological traceability in forensic toxicology. Specifically, it is intended for the subdisciplines of postmortem forensic toxicology, human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs), non-regulated employment drug testing, court-ordered toxicology (e.g., probation and parole, drug courts, child services), general forensic toxicology (non-lethal poisonings or intoxications) and calibration of breath-alcohol measuring instruments.
Single copy price: Free
Obtain an electronic copy from: https://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 105 e2-202x, Minimum Education Requirements for Firearm and Toolmark Examiner Trainees (revision of ANSI/ASB Std 105-2021)
This document provides the minimum education requirements for forensic laboratory applicants and employees entering a training program in firearm and toolmark examination. This document does not apply to previously trained and qualified firearm and toolmark examiners who may be temporarily referred to as trainees when they change employment.
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: August 19, 2024

API (American Petroleum Institute)

200 Massachusetts Avenue, Washington, DC 20001 | bankinsl@api.org, www.api.org

Reaffirmation

BSR/API MPMS Chapter 14.3.2, 5th Ed.-2016 (R202x), Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids - Concentric, Square-edged Orifice Meters - Part 2: Specification and Installation Requirements (reaffirmation of ANSI/API MPMS Chapter 14.3.2, 5th Ed.-2016)
This document establishes design and installation parameters for measurement of fluid flow using concentric, square-edged, flanged tapped orifice meters. This document outlines the various design parameters that shall be considered when designing metering facilities using orifice meters. The mechanical tolerances found in this document encompass a wide range of orifice diameter ratios for which experimental results are available.
Single copy price: $204.00
Obtain an electronic copy from: bankinsl@api.org
Send comments (copy psa@ansi.org) to: Lanaya Bankins, bankinsl@api.org

APTech (ASC CGATS) (Association for Print Technologies)

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

Reaffirmation

BSR CGATS/ISO 12640-2-2022 (R202x), Graphic technology - Prepress digital data exchange - Part 2: XYZ/sRGB encoded standard colour image data (XYZ/SCID) (reaffirm a national adoption ANSI CGATS/ISO 12640-2-2022)
This standard specifies a set of 15 standard colour images (encoded as both 16-bit XYZ and 8-bit RGB digital data provided in electronic data files) that can be used for the evaluation of changes in image quality during coding, image processing (including transformation compression and decompression), displaying on a colour monitor or printing. They can be used for many graphic technology applications such as research, development, product evaluation, and process control.
Single copy price: $80.00
Obtain an electronic copy from: jshaffer@aptech.org
Send comments (copy psa@ansi.org) to: Same

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.16-1997 (R202x), Vibratory Noise Measurements and Acceptance Criteria of Shipboard Equipment (reaffirmation of ANSI/ASA S2.16-1997 (R2020))
This Standard contains guidelines for limiting the machinery and operating equipment vibration on board ships for the purposes of habitability and mechanical suitability. The mechanical suitability guidelines result in a suitable environment for installed equipment and precludes many major vibration problems, such as imbalance, misalignment, or other damage to the machinery and operating equipment.
Single copy price: $99.00
Obtain an electronic copy from: standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Nancy Blair-DeLeon <standards@acousticalsociety.org>

Comment Deadline: August 19, 2024

ASA (ASC S3) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S3.5-1997 (R202x), Methods for Calculation of the Speech Intelligibility Index (reaffirmation of ANSI/ASA S3.5-1997 (R2020))
This Standard defines a method for computing a physical measure that is highly correlated with the intelligibility of speech as evaluated by speech perception tests given a group of talkers and listeners. This measure is called the Speech Intelligibility Index, or SII. The SII is calculated from acoustical measurements of speech and noise. This standard is not a substitute for ANSI S3.2-1989 (R1995) standard, Method for Measuring the Intelligibility of Speech over Communication Systems.
Single copy price: $147.00
Obtain an electronic copy from: standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Nancy Blair-DeLeon <standards@acousticalsociety.org>

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE/ISO 500-3-2014 MAR2015 (R202x), Ag tractors - Rear-mounted power take-off types 1,2,3 and 4 - Part 3: Main PTO dimensions and spline dimensions, location of PTO (reaffirm a national adoption ANSI/ASABE/ISO 500-3-2015 (R2019))
Specifies manufacturing requirements for, and the location of, rear-mounted power take-offs (PTOs) of types 1, 2, 3, and 4 on agricultural tractors.
Single copy price: Free
Obtain an electronic copy from: Stell@asabe.org
Send comments (copy psa@ansi.org) to: Sadie Stell / stell@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE/ISO AD500-1 MAR2015 (R202x), Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone (reaffirm a national adoption ANSI/ASABE/ISO AD500-1:2014 (R2019))
ANSI/ASABE AD500-1:2014 gives general specifications, including speeds, safety requirements, the dimensions for the master shield, and clearance zones for rear-mounted power take-offs (PTO's) of types 1, 2, 3, and 4 on agricultural tractors with a track setting of more than 1150 mm (those with a track setting width of 1150 mm or less are covered in ASABE/ISO 500-2:2004). This scope is identical to the scope of ISO 500-1 except for: (1) The inclusion of over-speed requirements and (2) Referencing ASABE/ISO 500-2:2004 in place of ISO 500-2.
Single copy price: Free
Obtain an electronic copy from: Stell@asabe.org

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

Comment Deadline: August 19, 2024

ASTM (ASTM International)

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

New Standard

BSR/ASTM F3102-202x, Guide for Specifying, Measuring, and Managing Impact Attenuation of Synthetic Turf Playing Systems (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK84098-202x, Practice for Pole Vault Use Areas (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Laura Klineburger <accreditation@astm.org>

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2117-2010 (R202x), Test Method for Vertical Rebound Characteristics of Sports Surface/Ball Systems; Acoustical Measurement (reaffirmation of ANSI/ASTM F2117-2010 (R2017))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2157-2009 (R202x), Specification for Synthetic Surfaced Running Tracks (reaffirmation of ANSI/ASTM F2157-2009 (R2018))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

Comment Deadline: August 19, 2024

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

Reaffirmation

BSR/ASTM F2334-2018 (R202x), Guide for Above Ground Public Use Skatepark Facilities (reaffirmation of ANSI/ASTM F2334-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Laura Klineburger <accreditation@astm.org>

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

Reaffirmation

BSR/ASTM F2336-2017 (R202x), Guide for Roller Hockey Playing Facilities (reaffirmation of ANSI/ASTM F2336-2017)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

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

Reaffirmation

BSR/ASTM F2480-2018 (R202x), Guide for In-ground Concrete Skatepark (reaffirmation of ANSI/ASTM F2480-2018)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

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

Revision

BSR/ASTM D4226-202x, Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products (revision of ANSI/ASTM D4226-2019)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Laura Klineburger <accreditation@astm.org>

Comment Deadline: August 19, 2024

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

Revision

BSR/ASTM E3416-202x, Practice for Competency-based Workplace Learning Programs (revision of ANSI/ASTM E3416-2023)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

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

Revision

BSR/ASTM F381-202x, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381-2016)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

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

Revision

BSR/ASTM F2772-202x, Specification for Athletic Performance Properties of Indoor Sports Floor Systems (revision of ANSI/ASTM F2772-2011 (R2020))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

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

Revision

BSR/ASTM F2774-202x, Practice for Manufacturing Quality Control of Consumer Trampoline Bed Material (revision of ANSI/ASTM F2774-2009 (R2020))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

Comment Deadline: August 19, 2024

ASTM (ASTM International)

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

Withdrawal

BSR/ASTM F659-2010 (R2018), Specification for Ski and Snowboard Goggles (withdrawal of ANSI/ASTM F659 -2010 (R2018))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

ASTM (ASTM International)

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

Withdrawal

BSR/ASTM F2812-2012 (R2018), Specification for Goggle- and Spectacle-Type Eye Protectors for Selected Motor Sports (withdrawal of ANSI/ASTM F2812-2012 (R2018))
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

AWS (American Welding Society)

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

Revision

BSR/AWS D1.8/D1.8M-202x, Structural Welding Code - Seismic Supplement (revision of ANSI/AWS D1.8/D1.8M -2021)
This code supplements the requirements of AWS D1.1/D1.1M, Structural Welding Code—Steel. This code is intended to be applicable to welded joints in Seismic Force Resisting Systems designed in accordance with the AISC Seismic Provisions. Clauses 1–7 constitute a body of rules for the regulation of welding in Seismic Force Resisting Systems. There are seven mandatory annexes in this code. A commentary of the code is included with the document.
Single copy price: $AWS Member 76.50, Non-Member 102.00
Obtain an electronic copy from: jmolin@aws.org
Send comments (copy psa@ansi.org) to: Jennifer Molin, jmolin@aws.org

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.10.1-2019 (R202x), Gas Water Heaters, Volume I, Storage Water Heaters with Input ratings of 75,000 Btu per Hour or Less (same as CSA 4.1) (reaffirmation and redesignation of ANSI Z21.10.1-2019)
Details test and examination criteria for automatic storage water heaters with input ratings of 75,000 Btu per hour (21,980 W) or less for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: August 19, 2024

DSI (Dental Standards Institute, Inc.)

109 Bushaway Road, Suite 100, Wayzata, MN 55391 | dentalstandards@gmail.com, https://dentalstandardsinstitute.com/

New Standard

BSR/DSI EEDRA1.1-202X, Equitable Electronic Dental Record Access through Transferable Holistic Oral Records (THOR) for Dental Patients (new standard)
This Standard seeks to describe workflows that allow for dental patient access, storage transference, and permissioning of their electronic Personal Health Information (ePHI) stored in the Electronic Dental Record (EDR) that belongs to them.
Single copy price: $175.00
Obtain an electronic copy from: dentalstandards@gmail.com
Send comments (copy psa@ansi.org) to: dentalstandards@gmail.com

HL7 (Health Level Seven)

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

Revision

BSR/HL7 CDAR 2.0 Online E1-202x, HL7 Clinical Document Architecture R2.0 Specification Online Navigation, Edition 2024 (revision of ANSI/HL7 CDA, R2.1-2019)
The HL7 Clinical Document Architecture (CDA®) is a web-accessible document markup standard that specifies the structure and semantics of “clinical documents” for the purpose of exchange between healthcare providers and patients. It defines a clinical document as having the following six characteristics: (1) Persistence, (2) Stewardship, (3) Potential for authentication, (4) Context, (5) Wholeness, and (6) Human readability. A CDA can contain any type of clinical content.
Single copy price: Free
Obtain an electronic copy from: lynn@hl7.org
Send comments (copy psa@ansi.org) to: Lynn Laakso <lynn@hl7.org>

NECA (National Electrical Contractors Association)

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

New Standard

BSR/NECA 121-202X, Standard for Installing Nonmetallic-Sheathed Cable (Type NM-B) and Underground Feeder and Branch-Circuit Cable (Type UF) (new standard)
1.1 Products and Applications Included. This standard describes installation procedures for nonmetallic-sheathed cable (Type NM-B) and underground feeder and branch-circuit cable (Type UF). This publication covers the following: (1) Nonmetallic-sheathed cable with insulation rated 90°C (194°F), listed as Type NM-B; (2) Underground feeder and branch-circuit cable, Type UF.
1.2 Products and Applications Excluded. This publication does not cover the following: (1) Nonmetallic-sheathed cable with insulation rated 60°C (140°F), listed as NM. (2) Corrosion-resistant nonmetallic-sheathed cable (Type NMC).

Single copy price: Members; - $30, Non-Members; - $60
Obtain an electronic copy from: Email neis@necanet.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: September 3, 2024

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME OM-2-202x, Code on Component Testing Requirements at Nuclear Facilities (new standard)
This new Code provides similar component testing rules as the current OM Code. This new Code does not provide many of the rules in the current OM Code that address selection of components that will be tested. It has been produced to address both regulatory and new reactor owner concerns that they have with utilizing current OM Code rules with new nuclear facility designs. The new Code rules are tied directly to ASME qualification standards.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Oliver Martinez <martinezo@asme.org>

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR B94.21-1968 (S202x), Gear Shaper Cutters (stabilized maintenance of ANSI B94.21-1968 (R2019))
This standard covers types, sizes, tolerances, marking, and nomenclature for ground, finishing-type gear shaper cutters for generating involute spur and helical gears, splines, and serrations. It also covers ground, finishing-type involute herringbone gear shaper cutters for generating herringbone gears
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org>

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B5.11-1964 (S202x), Spindle Noses and Adjustable Adaptors for Multiple Spindle Drilling Heads (stabilized maintenance of ANSI/ASME B5.11-1964 (R2018))
This standard is to provide the means for individual axis adjustment of drilling, reaming, and tapping tools, etc. in the spindles of a single or multiple spindle heads.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org>

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B5.47-1972 (S202x), Milling Machine Arbor Assemblies (stabilized maintenance of ANSI/ASME B5.47 -1972 (R2018))
The standard is confined to milling machine arbors.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org>

Comment Deadline: September 3, 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 1563-202x, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563-2020)
A New Edition of this standard is being proposed with the following revisions: (1) Proposed requirements to align with ANSI/APSP/ICC-6 2013 (R2023), (2) Proposed Requirements for Cold Tubs and Ice Baths, (3) Removal of the reference to UL 6059, Outline for Particular Requirements for Switches for Tools, (4) Revisions for button/coin cell batteries based on latest version of UL 4200A, (5) Updates to Section 4, Undated References, and revisions of some referenced publications.
Single copy price: Free
Order from: https://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 3600-202x, Measuring and Reporting Circular Economy Aspects of Products, Sites and Organizations (revision and partition of ANSI/UL 3600-2023)
This second edition of this standard incorporates critical metrics and clear definitions, including environmental (energy, water, and GHG) and social impact metrics.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Leslie Malaki <Leslie.Malaki@ul.org>

Project Withdrawn

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

NECA (National Electrical Contractors Association)

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

BSR/NECA 412-202X, Standard for Installing and Maintaining Photovoltaic (PV) Powers Systems (new standard)
Send comments (copy psa@ansi.org) to: Jeff Noren <Jeff.Noren@NECAnet.org>

NECA (National Electrical Contractors Association)

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

BSR/NECA 500-202X, Recommended Practice for Installing and Maintaining Indoor Commercial Lighting Systems (new standard)
Send comments (copy psa@ansi.org) to: Same

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.

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME B16.40-2024, Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems (revision of ANSI/ASME B16.40-2019) Final Action Date: 6/24/2024 | *Revision*

ATIS (Alliance for Telecommunications Industry Solutions)

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

ANSI ATIS 0600413-2009 (S2024), Network to Customer Installation Interfaces - Asymmetric Digital Subscriber Line (ADSL) Metallic Interface (stabilized maintenance of ANSI ATIS 0600413-2009 (R2019)) Final Action Date: 6/24/2024 | *Stabilized Maintenance*

AWWA (American Water Works Association)

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

ANSI/AWWA C214-2024, Machine-Applied Polyolefin Tape Coatings for Steel Water Pipe (revision of ANSI/AWWA C214-2020) Final Action Date: 6/25/2024 | *Revision*

ANSI/AWWA C518-2024, Double-Disc Swing-Check Valves for Waterworks Service, 2-in. Through 48-in. (50-mm Through 1,200-mm) NPS (revision of ANSI/AWWA C518-2018) Final Action Date: 6/25/2024 | *Revision*

ANSI/AWWA C550-2024, Protective Interior Coatings for Valves and Hydrants (revision of ANSI/AWWA C550-2017) Final Action Date: 6/25/2024 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI CSA Z21.50-2019 (R2024), Vented decorative gas appliances (same as CSA 2.22) (reaffirmation of ANSI Z21.50 -2019) Final Action Date: 6/26/2024 | *Reaffirmation*

ANSI Z21.88-2019 (R2024), Vented gas fireplace heaters (same as CSA 2.33) (reaffirmation of ANSI Z21.88-2019) Final Action Date: 6/26/2024 | *Reaffirmation*

ANSI/CSA Z21.11.2-2019 (R2024), Gas-fired room heaters, volume II, unvented room heaters (reaffirmation of ANSI/CSA Z21.11.2-2019) Final Action Date: 6/26/2024 | *Reaffirmation*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 82-2024, Recommended Practice for Impulse Voltage Tests on Insulated Cables and Their Accessories (new standard) Final Action Date: 6/27/2024 | *New Standard*

ANSI/IEEE 3133-2024, Guide for Direct Current (DC) Ice-Melting Technology of Overhead Transmission Lines (new standard) Final Action Date: 6/24/2024 | *New Standard*

NECA (National Electrical Contractors Association)

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

ANSI/NECA 100-2024, Symbols for Electrical Construction Drawings (new standard) Final Action Date: 6/24/2024 | *New Standard*

NECA (National Electrical Contractors Association)

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

ANSI/NECA/EATON 507-2024, Recommended Practices for Electrical Wiring and Equipment in Hazardous Locations (new standard) Final Action Date: 6/25/2024 | *New Standard*

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

2001 K Street, NW, 3rd Floor North, Washington, DC 20006 | dweinbaum@resna.org, www.resna.org

ANSI/RESNA AT-1 Section 3-2024, RESNA Standard for Assistive Technology for Air Travel - Volume 1 Section 3 - Handling Procedures for Mobility Devices to be Stowed and Transported in Commercial Aircraft (new standard) Final Action Date: 6/24/2024 | *New Standard*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-225-A-2024, End-face image analysis procedure for the calibration of optical fibre geometry test sets (identical national adoption of IEC 61745:2017 and revision of ANSI/TIA 455-225-2015) Final Action Date: 6/26/2024 | *National Adoption*

ANSI/TIA 455-231-A-2024, Calibration of fibre-optic power meters (identical national adoption of IEC 61315:2019 and revision of ANSI/TIA 455-231-2015) Final Action Date: 6/26/2024 | *National Adoption*

ULSE (UL Standards & Engagement)

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

ANSI/UL 62990-2-2024, Standard for Safety for Workplace Atmospheres - Part 2: Gas Detectors - Selection, Installation, Use and Maintenance of Detectors for Toxic Gases and Vapours (national adoption with modifications of IEC 62990-2) Final Action Date: 6/14/2024 | *National Adoption*

ANSI/UL 1976-2024, Standard for Crimp Tools for Use with Connecting Devices (new standard) Final Action Date: 6/24/2024 | *New Standard*

ANSI/UL 1426-2010 (R2024), Standard for Safety for Electrical Cables for Boats (reaffirmation of ANSI/UL 1426-2010 (R2020)) Final Action Date: 6/26/2024 | *Reaffirmation*

ANSI/UL 1030-2024, Standard for Sheathed Heating Elements (April 30, 2021) (revision of ANSI/UL 1030-2019) Final Action Date: 6/26/2024 | *Revision*

ANSI/UL 6703-2024, Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2021) Final Action Date: 6/25/2024 | *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

NECA - National Electrical Contractors Association

Consensus Body Member - Targeted Outreach

NECA is actively seeking participation in the following standards development work and in the interest categories specified:

NECA 303: Standard for Installing Video Surveillance Systems
Specific Interest Categories:
- ***Producer*** **–** Those who are predominantly involved with the manufacture of products and systems installed by electrical contractors. This category usually includes manufacturers and trade associations.
- ***Government*** **–** This category typically includes government agencies that contract for electrical construction work or public employees like public jurisdiction inspectors.
- ***General Interest*** **–** Those who are not associated with electrical construction. This category typically includes professional and lay people employed by academic and scientific institutions, experts, government agencies, insurance companies, etc.

NECA 90: Recommended Practice for Commissioning Building Electrical Systems
Specific Interest Categories:
- ***Producer*** **–** Those who are predominantly involved with the manufacture of products and systems installed by electrical contractors. This category usually includes manufacturers and trade associations.
- ***Government*** **–** This category typically includes government agencies that contract for electrical construction work or public employees like public jurisdiction inspectors.
- ***General Interest*** **–** Those who are not associated with electrical construction. This category typically includes professional and lay people employed by academic and scientific institutions, experts, government agencies, insurance companies, etc.

To apply or obtain additional information please contact Jeff J. Noren at jeff.noren@necanet.org by July 15, 2024.

For more information, see https://www.necanet.org/programs/codesandstandards/neis/neis-seeking-consensus-body-participants

API (American Petroleum Institute)

200 Massachusetts Avenue, Washington, DC 20001 | bankinsl@api.org, www.api.org

BSR/API MPMS Chapter 14.3.2, 5th Ed.-2016 (R202x), Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids - Concentric, Square-edged Orifice Meters - Part 2: Specification and Installation Requirements (reaffirmation of ANSI/API MPMS Chapter 14.3.2, 5th Ed.-2016)

ASA (ASC S2) (Acoustical Society of America)

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

BSR/ASA S2.16-1997 (R202x), Vibratory Noise Measurements and Acceptance Criteria of Shipboard Equipment (reaffirmation of ANSI/ASA S2.16-1997 (R2020))

ASA (ASC S3) (Acoustical Society of America)

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

BSR/ASA S3.5-1997 (R202x), Methods for Calculation of the Speech Intelligibility Index (reaffirmation of ANSI/ASA S3.5-1997 (R2020))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO 500-3-2014 MAR2015 (R202x), Ag tractors - Rear-mounted power take-off types 1,2,3 and 4 - Part 3: Main PTO dimensions and spline dimensions, location of PTO (reaffirm a national adoption ANSI/ASABE/ISO 500 -3-2015 (R2019))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO AD500-1 MAR2015 (R202x), Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone (reaffirm a national adoption ANSI/ASABE/ISO AD500-1:2014 (R2019))

AWS (American Welding Society)

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

BSR/AWS B5.31-202x, Specification for the Qualification of ASME B31 Owners Inspectors (new standard)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD SP3.5-202X, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Test Methods for Air Assist Bar Ionizers, Soft X-Ray (Photon) Ionizers, Alternative Room Ionization, and Non-Airflow Alpha Ionizers (revision of ANSI/ESD SP3.5-2020)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD STM11.13-202X, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Two-Point Resistance Measurement (revision of ANSI/ESD STM11.13-2021)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD STM7.1-202X, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Flooring Systems - Resistive Characterization (revision of ANSI/ESD STM7.1-2020)

NECA (National Electrical Contractors Association)

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

BSR/NECA 121-202X, Standard for Installing Nonmetallic-Sheathed Cable (Type NM-B) and Underground Feeder and Branch-Circuit Cable (Type UF) (new standard)

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

BSR NEMA WC 66/ICEA S-116-732-202x, Standard for Category 6 and 6A, 100 Ohm, Individually Unshielded Twisted Pairs, Indoor Cables (With or Without an Overall Shield) for Use in LAN Communication Wiring Systems (revision of ANSI/NEMA WC 66/ICEA S-166-732-2019)

ULSE (UL Standards & Engagement)

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

BSR/UL 1563-202x, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563-2020)
Interest Categories: ULSE is looking for members to join ULSE Technical Committee 1563 with the following interest categories: Authorities Having Jurisdiction, Commercial/Industrial Users, Consumer, General Interest, and Government.

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

ICC - International Code Council

ANSI/ICC 1210-2023 - 30-Day Comment Deadline By August 5, 2024

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **August 5, 2024**

ANSI/ICC 1210-2023

Standard for Mechanical, Electrical, Plumbing Systems, Energy Efficiency and Water Conservation in Off-site Construction

(new standard)

Development of a comprehensive standard to address requirements for the energy efficiency and water conservation of off-site construction projects and the planning, designing, fabricating, transporting, and assembling, of commercial and residential building mechanical, electrical and plumbing (MEP) system elements. This includes the componentization and modularization of elements of MEP systems, the incorporation of MEP systems in componentized, panelized or modularized building elements, and the achievement of energy efficiency and water conservation requirements in off-site construction. This standard will not apply to HUD manufactured housing.

Send comments (with optional copy to psa@ansi.org) to: Karl Aittaniemi <kaittaniemi@iccsafe.org>
Obtain an electronic copy from: https://www.iccsafe.org/products-and-services/standards/is-osmc/
Single copy price: Free

Click here to view these changes in full

Karl Aittaniemi
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International Code Council (ICC)
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Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

ICC - International Code Council

ANSI/ICC 400-2021 - 30-Day Comment Deadline By August 5, 2024

This Call for Comment of Limited Substantive Changes to the Approved American National Standard is available for review & comment until **August 5, 2024**

ANSI/ICC 400-2021

Standard on the Design and Construction of Log Structures

(revision of ANSI/ICC 400-2017)

As an ANSI accredited standards developer, ICC is developing the standard to provide technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe and reliable structures constructed of log timbers.

Send comments (with optional copy to psa@ansi.org) to: kaittaniemi@iccsafe.org
Obtain an electronic copy from: https://www.iccsafe.org/products-and-services/standards-development/is-log/
Single copy price: Free

Click here to view these changes in full

Karl Aittaniemi
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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

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS
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410 North 21st Street
Colorado Springs, CO 80904
www.aafs.org

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API
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Lanaya Bankins
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APTech (ASC CGATS)
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CSA
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DSI
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National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
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www.nema.org

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RESNA
Rehabilitation Engineering and Assistive Technology Society of North America
2001 K Street, NW, 3rd Floor North
Washington, DC 20006
www.resna.org

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TIA
Telecommunications Industry Association
1320 North Courthouse Road, Suite 200
Arlington, VA 22201
www.tiaonline.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

Aircraft and space vehicles (TC 20)

ISO/DIS 17666, Space systems - Programme management - Risk management - 9/12/2024, $77.00

Anaesthetic and respiratory equipment (TC 121)

ISO 7376:2020/DAmd 1, - Amendment 1: Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation - Amendment 1: Clarification about optical output and illumination requirements - 9/15/2024, $29.00

Chain of custody of wood and wood-based products (TC 287)

ISO/DIS 8347, Measurement procedures associated with the chain of custody in native tropical forest management areas - 9/12/2024, $67.00

Equipment for fire protection and fire fighting (TC 21)

ISO/DIS 21927-6, Smoke and heat control systems - Part 6: Specification for pressure differential systems - 9/19/2024, $125.00

Paints and varnishes (TC 35)

ISO/DIS 6270-2, Paints and varnishes - Determination of resistance to humidity - Part 2: Condensation (in-cabinet exposure with heated water reservoir) - 9/12/2024, $58.00

Personal safety - Protective clothing and equipment (TC 94)

ISO/DIS 17249, Safety footwear for users of handheld chain saws - 9/13/2024, $67.00

Petroleum products and lubricants (TC 28)

ISO/DIS 2719, Determination of flash point - Pensky-Martens closed cup method - 9/12/2024, $93.00

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

ISO/DIS 4070, Polyvinylidene fluoride (PVDF) - Effect of time and temperature on expected strength - 9/15/2024, $53.00

ISO/DIS 4075, Polysulfone (PSU) - Effect of time and temperature on expected strength - 9/15/2024, $53.00

Rubber and rubber products (TC 45)

ISO/DIS 2475.2, Chloroprene rubber (CR) - General-purpose types - Evaluation procedure - 7/4/2024, $62.00

Solar energy (TC 180)

ISO/DIS 9846, Solar energy - Calibration of a pyranometer using a pyrheliometer - 9/13/2024, $107.00

Transport information and control systems (TC 204)

ISO/DIS 17419, Intelligent transport systems - Globally unique identification - 9/19/2024, $119.00

ISO/DIS 17423, Intelligent transport systems - Application requirements and objectives - 9/19/2024, $102.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10646:2020/DAmd 2, - Amendment 2: Information technology - Universal coded character set (UCS) - Amendment 2: Todhri, Garay, Tulu-Tigalari, Sunuwar, Gurung Khema, Kirat Rai, and other characters - 9/13/2024, $46.00

ISO/IEC DIS 17629, Information technology - Office equipment - Method for measuring first print out time for digital printing devices - 9/13/2024, $98.00

ISO/IEC DIS 15408-1, Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 1: Introduction and general model - 9/12/2024, $175.00

ISO/IEC DIS 15408-2, Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 2: Security functional components - 9/12/2024, $215.00

ISO/IEC DIS 15408-3, Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 3: Security assurance components - 9/12/2024, $194.00

ISO/IEC DIS 15408-4, Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 4: Framework for the specification of evaluation methods and activities - 9/12/2024, $71.00

ISO/IEC DIS 15408-5, Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 5: Pre-defined packages of security requirements - 9/12/2024, $88.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/1023(F)/CDV, IEC 63522-3 ED1: Electrical relays - Tests and Measurements - Part 3: Relay coil properties, 09/13/2024

94/1036(F)/FDIS, IEC 63522-8 ED1: Electrical relays - Tests and measurements - Part 8: Timing, 07/19/2024

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

100/4145/CDV, IEC 60268-7 ED4: Sound system equipment - Part 7: Headphones and earphones, 09/20/2024

100/4165/CD, IEC 61937-2/AMD1 ED3: Amendment 1 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info, 08/23/2024

Automatic controls for household use (TC 72)

72/1430/CDV, IEC 60730-2-11 ED4: Automatic electrical controls - Part 2-11: Particular requirements for energy regulators, 09/20/2024

72/1431/CDV, IEC 60730-2-12 ED4: Automatic electrical controls - Part 2-12: Particular requirements for electrically operated door locks, 09/20/2024

72/1432/CDV, IEC 60730-2-13 ED4: Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls, 09/20/2024

72/1433/CDV, IEC 60730-2-15 ED4: Automatic electrical controls - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls, 09/20/2024

72/1428/CDV, IEC 60730-2-9 ED5: Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls, 09/20/2024

Dependability (TC 56)

56/2056/CD, IEC 62402-2 ED1: Obsolescence Management Part 2: Forecasting obsolescence cost, 09/20/2024

Electric road vehicles and electric industrial trucks (TC 69)

69/971/CD, IEC 61851-1 ED4: Electric vehicle conductive charging system - Part 1: General requirements, 09/20/2024

Electric traction equipment (TC 9)

9/3082/CDV, IEC 61375-2-6 ED2: Electronic railway equipment - Train communication network (TCN) - Part 2-6: On-board to ground communication, 09/20/2024

9/3108/CD, IEC 63593 ED1: Railway applications - Rolling stock - Specification and verification of energy consumption, 08/23/2024

Electrical apparatus for explosive atmospheres (TC 31)

31/1776/CDV, IEC 60079-45 ED1: Explosive atmospheres - Part 45 - Electrical Ignition Systems for Internal Combustion Engines, 09/20/2024

Electrical equipment in medical practice (TC 62)

62D/2136/CDV, IEC 80601-2-31 ED1: Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source, 09/20/2024

62D/2146(F)/FDIS, IEC 80601-2-49/AMD1 ED1: Amendment 1 - Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors, 08/02/2024

Fibre optics (TC 86)

86A/2483/CD, IEC 60794-1-131 ED1: Optical fibre cables - Part 1-131: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Microduct inner clearance test, Method E31, 09/20/2024

86C/1925/CDV, IEC 62148-11 ED3: Fibre optic active components and devices - Package and interface standards - Part 11: 14-pin modulator integrated laser diode modules and pump laser diode modules, 09/20/2024

86A/2485/DTR, IEC TR 63484 ED1: Guidance on fungus resistance of optical fibre cables, 08/23/2024

86C/1936/NP, PNW 86C-1936 ED1: Fibre optic sensors - Part 1 -4: Strain measurement - Distributed sensing based on Rayleigh scattering, 09/20/2024

Flat Panel Display Devices (TC 110)

110/1657/CD, IEC TR 63145-40-20 ED1: Eyewear display - Part 40-20: 3D sensing, 08/23/2024

Fluids for electrotechnical applications (TC 10)

10/1241(F)/FDIS, IEC 60156 ED4: Insulating liquids - Determination of the breakdown voltage at power frequency - Test method, 08/02/2024

Industrial-process measurement and control (TC 65)

65E/1084/CDV, IEC 63489 ED1: DB - Common data concepts for smart manufacturing, 09/20/2024

Lamps and related equipment (TC 34)

34D/1739/FDIS, IEC 60598-1 ED10: Luminaires - Part 1: General requirements and tests, 08/09/2024

34A/2405/FDIS, IEC 63356-2 ED2: LED light source characteristics - Part 2: Design parameters and values, 08/09/2024

Lightning protection (TC 81)

81/769(F)/FDIS, IEC 62305-2 ED3: Protection against lightning - Part 2: Risk management, 07/12/2024

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

113/844/CD, IEC TS 62565-3-6 ED1: Nanomanufacturing - Product specification - Part 3-6 Graphene-related products - Blank detail specifications: graphene oxide in powders and dispersions, 09/20/2024

113/842/DTS, IEC TS 62565-5-3 ED1: Nanomanufacturing - Product specification - Part 5-3: Nanoenabled energy storage - Blank detail specification: silicon nanosized materials for the negative electrode of lithium-ion batteries, 08/23/2024

113/843/NP, PNW TS 113-843 ED1: TS 62607-6-37 - Nanomanufacturing - Key control characteristics - Part 62607-6 - 37: Graphene-related products - Charge carriers majority, mobility and density: Hall resistance method, 09/20/2024

Performance of household electrical appliances (TC 59)

59K/396/FDIS, IEC 60704-2-10 ED3: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-10: Particular requirements for ranges, ovens, steam ovens, grills and microwave ovens, 08/09/2024

Power capacitors (TC 33)

33/708/CDV, IEC 60931-1 ED3: Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 V - Part 1: General, 09/20/2024

33/709/CDV, IEC 60931-2 ED3: Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 V - Part 2: Ageing test and destruction test, 09/20/2024

Printed Electronics (TC 119)

119/498/CDV, IEC 62899-202-11 ED1 Printed electronics - Part 202-11: Materials - Conductive ink - Measurement method of electrical resistance uniformity for large area printed conductive layers, 09/20/2024

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

116/777/CDV, IEC 63241-2-14 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-14: Particular requirements for hand-held planers, 09/20/2024

116/775/CDV, IEC 63241-2-17 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-17: Particular requirements for hand-held routers and trimmers, 09/20/2024

116/776/CDV, IEC 63241-2-22 ED1: Electric motor-operated tools - Dust measurement procedure - Part 2-22: Particular requirements for hand-held cut-off machines and wall chasers, 09/20/2024

Safety of household and similar electrical appliances (TC 61)

61/7267/FDIS, IEC 60335-2-32 ED6: Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances, 08/09/2024

61/7268/FDIS, IEC 60335-2-61 ED3: Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal storage room heaters, 08/09/2024

61/7269/FDIS, IEC 60335-2-62 ED5: Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, 08/09/2024

Solar photovoltaic energy systems (TC 82)

82/2274/CD, IEC TS 63543-1 ED1: Photovoltaic (PV) module safety qualification for DC system voltage up to 3 000 V DC - Part 1: Requirements for construction, 08/23/2024

82/2275/CD, IEC TS 63543-2 ED1: Photovoltaic (PV) module safety qualification for DC system voltage up to 3 000 V DC - Part 2: Requirements for testing, 08/23/2024

Standard voltages, current ratings and frequencies (TC 8)

8B/219/CD, IEC TS 63427 ED1: Guideline for the adjustment potential evaluation of demand side resources, 08/23/2024

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

121A/614/CD, IEC 60947-5-3 ED3: Low-voltage switchgear and controlgear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB), 08/23/2024

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC41/437/CD, ISO/IEC 30187 ED1: Internet of Things (IoT) - Evaluation indicators for IoT systems, 08/23/2024

JTC1-SC41/440/NP, PNW JTC1-SC41-440 ED1: IoT and digital twins - Guidance on the connection to data spaces, 09/20/2024

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 27548:2024, Additive manufacturing of plastics - Environment, health, and safety - Test method for determination of particle and chemical emission rates from desktop material extrusion 3D printer, $166.00

Agricultural food products (TC 34)

ISO 7218:2024, Microbiology of the food chain - General requirements and guidance for microbiological examinations, $250.00

ISO 20631:2024, Infant formula and adult nutritionals - Determination of total folate content by trienzyme extraction and ultra high performance liquid chromatography tandem mass spectrometry (UHPLC-MS/MS), $124.00

ISO 18363-3:2024, Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 3: Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol, $124.00

Cranes (TC 96)

ISO 23814:2024, Cranes - Competency requirements for crane inspectors, $81.00

Documents and data elements in administration, commerce and industry (TC 154)

ISO 23355:2024, Visibility data interchange among logistics information service providers, $278.00

Fine Bubble Technology (TC 281)

ISO 7383-2:2024, Fine bubble technology - Evaluation method for determining gas content in fine bubble dispersions in water - Part 2: Hydrogen content, $166.00

Fire safety (TC 92)

ISO 6944-1:2024, Fire containment - Elements of building construction - Part 1: Ventilation ducts, $194.00

Floor coverings (TC 219)

ISO 24342:2024, Resilient and textile floor coverings - Determination of side length, edge straightness and squareness of tiles and planks, $81.00

Graphical symbols (TC 145)

ISO 20560-1:2024, Safety information for the content of piping systems and tanks - Part 1: Piping systems, $166.00

Light metals and their alloys (TC 79)

ISO 7209:2023/Amd 1:2024, - Amendment 1: Titanium and titanium alloys - Plate, sheet and strip - Technical delivery conditions - Amendment 1: Effective utilization of ISO 23515 specifying the designation of chemical composition, $23.00

ISO 7217:2023/Amd 1:2024, - Amendment 1: Titanium and titanium alloys - Bar, rod and billet - Technical delivery conditions - Amendment 1: Effective utilization of ISO 23515 specifying the designation of chemical composition, $23.00

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

ISO 15590-1:2024, Oil and gas industries including lower carbon energy - Factory bends, fittings and flanges for pipeline transportation systems - Part 1: Induction bends, $194.00

Mechanical vibration and shock (TC 108)

ISO 13373-10:2024, Condition monitoring and diagnostics of machines - Vibration condition monitoring - Part 10: Diagnostic techniques for electrical generators with fluid-film bearings, $166.00

Non-destructive testing (TC 135)

ISO 18081:2024, Non-destructive testing - Acoustic emission testing (AT) - Leak detection by means of acoustic emission, $194.00

Nuclear energy (TC 85)

ISO 14146:2024, Radiological protection - Criteria and performance limits for the periodic evaluation of dosimetry services for external radiation, $166.00

Optics and optical instruments (TC 172)

ISO 8237:2024, Optics and photonics - Optical materials and components - Specification of chalcogenide glass used in the infrared spectrum, $81.00

Paints and varnishes (TC 35)

ISO 11890-2:2020/Amd 1:2024, - Amendment 1: Paints and varnishes - Determination of volatile organic compounds(VOC) and/or semi volatile organic compounds (SVOC) content - Part 2: Gas-chromatographic method - Amendment 1, $23.00

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

ISO/PAS 22101-3:2024, Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications - Part 3: Fittings, $166.00

ISO/PAS 22101-5:2024, Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications - Part 5: Fitness for purpose of the system, $81.00

Road vehicles (TC 22)

ISO 6626-2:2024, Internal combustion engines - Piston rings - Part 2: Coil-spring-loaded oil control rings of narrow width made of cast iron, $194.00

Rubber and rubber products (TC 45)

ISO 19983:2024, Rubber - Determination of precision of test methods, $223.00

Ships and marine technology (TC 8)

ISO 15371:2024, Ships and marine technology - Fire-extinguishing systems for protection of galley cooking equipment, $166.00

ISO 24132:2024, Ships and marine technology - Design and testing of marine transfer arms for liquefied hydrogen, $250.00

Sustainable development in communities (TC 268)

ISO 37111:2024, Sustainable cities and communities - Urban settlements - Guidance for a flexible approach to phased implementation of ISO 37101, $194.00

Traditional Chinese medicine (TC 249)

ISO 6559:2024, Traditional Chinese medicine - Sterile three-edge needle for single use, $81.00

Transport information and control systems (TC 204)

ISO 15784-2:2024, Intelligent transport systems - Data exchange involving roadside modules communication - Part 2: Centre to field device communications using Simple Network Management Protocol (SNMP), $166.00

ISO Technical Reports

Transport information and control systems (TC 204)

ISO/TR 21734-3:2024, Intelligent transport systems - Performance testing for connectivity and safety functions of automated driving buses in public transport - Part 3: Service framework and use cases, $166.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 17823:2024, Information technology - Office equipment - Vocabulary for office colour equipment, $124.00

ISO/IEC 17917:2024, Smart cities - Guidance to establishing a decision-making framework for sharing data and information services, $223.00

ISO/IEC 27403:2024, Cybersecurity - IoT security and privacy - Guidelines for IoT-domotics, $223.00

ISO/IEC 27554:2024, Information security, cybersecurity and privacy protection - Application of ISO 31000 for assessment of identity-related risk, $124.00

IEC Standards

Electric cables (TC 20)

S+ IEC 60287-2-3 Ed. 2.0 en:2024 (Redline version), Electric cables - Calculation of the current rating - Part 2-3: Thermal resistance - Cables installed in ventilated tunnels, $329.00

Electric road vehicles and electric industrial trucks (TC 69)

IEC 61851-23 Ed. 2.0 b:2023, Electric vehicle conductive charging system - Part 23: DC electric vehicle supply equipment, $547.00

Fibre optics (TC 86)

IEC 60793-1-22 Ed. 2.0 b:2024, Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement, $348.00

IEC 60793-1-22 Ed. 2.0 en:2024 CMV, Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement, $696.00

IEC 60793-1-46 Ed. 2.0 b:2024, Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in attenuation, $103.00

IEC 60793-1-46 Ed. 2.0 en:2024 CMV, Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in attenuation, $207.00

Hydraulic turbines (TC 4)

IEC 63461 Ed. 1.0 b:2024, Pelton hydraulic turbines - Model acceptance tests, $547.00

Industrial electroheating equipment (TC 27)

IEC/IEEE 62395-1 Ed. 1.0 en:2024, Electrical resistance trace heating systems for industrial and commercial applications - Part 1: General and testing requirements, $444.00

IEC/IEEE 62395-2 Ed. 1.0 en:2024, Electrical resistance trace heating systems for industrial and commercial applications - Part 2: Application guide for system design, installation and maintenance, $444.00

Other

IEC SRD 63426 Ed. 1.0 en:2024, Reference standards portfolio (RSP) on interoperability and connectivity for active assisted living (AAL) in the connected home environment (CHE), $103.00

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

IEC 62841-2-16 Ed. 1.0 b:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-16: Particular requirements for hand-held fastener driving tools, $303.00

IEC 62841-2-16 Ed. 1.0 en:2024 EXV, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-16: Particular requirements for hand-held fastener driving tools, $975.00

IEC 62841-2-19 Ed. 1.0 b:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-19: Particular requirements for hand-held jointers, $148.00

IEC 62841-2-19 Ed. 1.0 en:2024 EXV, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-19: Particular requirements for hand-held jointers, $975.00

IEC 62841-2-20 Ed. 1.0 b:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-20: Particular requirements for hand-held band saws, $148.00

IEC 62841-2-20 Ed. 1.0 en:2024 EXV, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-20: Particular requirements for hand-held band saws, $975.00

Secondary cells and batteries (TC 21)

IEC 63330-1 Ed. 1.0 b:2024, Repurposing of secondary batteries - Part 1: General requirements, $245.00

Surface mounting technology (TC 91)

IEC 62529 Ed. 3.0 en:2024, Standard for Signal and Test Definition, $547.00

Switchgear and controlgear (TC 17)

IEC 62271-200 Amd.1 Ed. 3.0 b:2024, Amendment 1 - High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, $52.00

IEC 62271-200 Ed. 3.1 en:2024, High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, $567.00

IEC Technical Specifications

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

IEC/TS 62607-6-12 Ed. 1.0 en:2024, Nanomanufacturing - Key Control Characteristics - Part 6-12: Graphene - Number of layers: Raman spectroscopy, optical reflection, $303.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 123 – Plain bearings

Comment Deadline: July 26, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 123 – *Plain bearings*, 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 123 – *Plain bearings*: Japan (JISC)
ISO/TC 123/SC 2 – *Materials and lubricants, their properties, characteristics, test methods and testing conditions*: Germany (DIN)
ISO/TC 123/SC 3 – *Dimensions, tolerances and construction details*: Germany (DIN)
ISO/TC 123/SC 5 – *Quality analysis and assurance*: Germany (DIN)
ISO/TC 123/SC 6 – *Terms and common items*: Japan (JISC)
ISO/TC 123/SC 7 – *Special types of plain bearings*: Japan (JISC)
ISO/TC 123/SC 8 – *Calculation methods for plain bearings and their applications*: Japan (JISC)

ISO/TC 123 operates under the following scope:

Standardization of plain bearings on the following items :
- *classification, definitions and terminology;*
- *materials and characteristics;*
- *dimensions and tolerances;*
- *methods of tests and quality control, including methods of calculation.*

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 132 – Ferroalloys

Comment Deadline: July 26, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 132 – *Ferroalloys* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by China (SAC).

ISO/TC 132 operates under the following scope:

Standardization in the field of ferroalloys and other alloying additives used in iron and steel making, and the manganese ore and chromium ore used in ferroalloys raw material. Excluded: standardization of ferronickels which devolves upon ISO/TC 155.

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 226 – Materials for the production of primary aluminium

Comment Deadline: July 26, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 226 – *Materials for the production of primary aluminium* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Switzerland (SNV).

ISO/TC 226 operates under the following scope:

Standardization in the field of materials for the production of primary aluminium, including aluminium oxide, cryolite, aluminium fluoride, sodium fluoride, carbonaceous products and ceramic materials.

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 93 – Starch (including derivatives and by-products)

Comment Deadline: July 12, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 93 – *Starch (including derivatives and by-products)* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Jamaica (BSJ).

ISO/TC 93 operates under the following scope:

Standardization of terminology, methods of sampling, methods of analysis and examination of starch (including hydrolysis products and dextrins) and its by-products.

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).

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.

Public Review Draft

Proposed Addendum f to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

First Public Review (July, 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 Pkwy 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

Mercury is a powerful neurotoxin and bioaccumulates though the food chain. The World Health Organization https://www.who.int/news-room/fact-sheets/detail/mercury-and-health has recommended that to reduce mercury exposure the following activities should be pursued: promoting clean energy, stopping the use of mercury in gold mining, eliminating the mining of mercury and phasing out non-essential mercury-containing products. Up to recently mercury was a required ingredient of high efficacy lighting (fluorescent, induction, and HID light sourced). In the last 10 years all of these sources have been supplanted by a more efficient light source LEDs. All the LPDs in ASHRAE 90.1 and 189.1 are based on LED light sources as they cost-effectively reduce amount of power required to provide the same amount of light delivered to the task. There are a few exceptions proposed: discharge light sources using mercury gas are still the most energy efficient way of providing ultraviolet lighting used for disinfection, medical treatment and industrial processes as well as for a few applications without current LED replacement including: neon decorative lighting, lighting within equipment, search lights. [1, 2] These exempted uses are a small fraction of the amount of mercury currently found in lighting systems. Since the widespread adoption of LED lighting the market share of HID and fluorescent lighting have dropped off rapidly. This proposal seeks to accelerate the retirement of legacy uses of mercury containing light sources.

[1]Interstate Mercury Education and Reduction Clearinghouse (IMERC) Fact Sheet
Mercury Use in Lighting Dec 2015. https://semspub.epa.gov/work/05/936142.pdf
[2]Light-Emitting Diodes in Airfield Lighting Applications: A Review and Annotated Bibliography. September 2022.
https://www.faa.gov/data_research/research/med_humanfacs/oamtechreports/media/Light-Emitting%20Diodes%20in%20Airfield%20Lighting%20Applications.pdf

[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 f to 189.1-2023

Delete Section 9.7.3 and renumber Section 9.7.4 Electronics and Batteries to 9.7.3

~~**9.7.3 Fluorescent and High-Intensity Discharge (HID) Lamps and Ballasts.** An area shall be provided that serves the entire building, is designed for the collection and storage of fluorescent and HID *lamps* and ballasts, and facilitates proper disposal and/or recycling according to jurisdictional hazardous waste requirements.~~

Revise Section 9.9

9.9 ~~Mercury Content Levels of~~ Lamps Containing Mercury. Electric *lamps* containing mercury are prohibited. ~~used in the *building project* shall not contain mercury in an amount exceeding, per *lamp*, the maximum mercury content levels of Table 9.9~~.

Exceptions to 9.9:

~~1. Eight-foot models of straight fluorescent T8 *lamps*.~~

~~2. High-output and very high-output, straight fluorescent *lamps* greater than 1.25 in. (32 mm) in diameter.~~

~~3. Mogul bi-pin-based *lamps*.~~

~~4. Preheat straight fluorescent *lamps* of any size.~~

~~5. U-bend and circline fluorescent *lamps*.~~

~~6. HID *lamps*.~~

~~7. Induction *lamps*.~~

~~8.~~ 1. The following ~~S~~special-purpose *lamps*: *lamps* integral to equipment or instrumentation ~~appliance~~, black light, germicidal, insect trap ~~bug~~, ~~colored, grow, straight fluorescent reflector,~~ reprographic, lighting for the care of animals, ultraviolet lighting, and *lamps* used in medical, research, or industrial processes ~~shatter resistant, cold temperature, and three-way *lamps*~~.

2. *Lamps* used for navigational lighting, including search lights.

Delete Table 9.9

~~**Table 9.9 Maximum Mercury Content for Electric Lamps**~~

~~Lamp~~	~~Maximum Mercury Content~~
~~Screw-base compact fluorescent *lamps* <25 W~~	~~4 mg~~
~~Screw-base compact fluorescent *lamps* ≥25 W and <40 W~~	~~5 mg~~
~~Pin-base compact fluorescent *lamps*, all wattages~~	~~5 mg~~
~~Straight fluorescent T5 normal lifetime *lamps* [a]~~	~~3 mg~~
~~Straight fluorescent T8 normal lifetime *lamps* [a]~~	~~4 mg~~
~~Straight fluorescent T5 and T8 long lifetime *lamps* [b]~~	~~5 mg~~
~~T12 eight-foot straight fluorescent *lamps*~~	~~15 mg~~

~~a. Electric *lamps* with a rated lifetime less than 25,000 h when tested on an electronic fluorescent ballast, including T8 instant-start ballasts and T5 programmed-start ballasts, and turned OFF and ON every three hours.~~

~~b. Electric *lamps* with a rated lifetime equal to or greater than 25,000 hours when tested on an electronic fluorescent ballast, including T8 instant-start ballasts and T5 programmed-start ballasts, and turned OFF and ON every three hours.~~

BSR/UL 61010-1, Standard for Safety for Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements

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

PROPOSAL

10.4.4DV D2 Addition of the following new subclause:

10.4.4DV.2 Equipment intended for permanent installation

Permanently installed equipment is tested with a minimum of 1.22 m (4 ft) of wire when connecting to field-wiring terminal. Wire size is determined in accordance with Table 310-15(B) of NFPA 70, and Tables 1 to 5 of CSA C22.1. The size is based upon wire that is rated for a temperature of 60 °C (140 °F) for connection to a branch circuit with a rating of 100 amperes or less, and upon wire that is rated per the 75 °C (167 °F) column for a rating greater than 100 amperes.

NOTE Wires attached to terminals act as a heat sink. Wires shorter than 1.22 m (4 ft) can limit the ability to remove heat from the terminals and this is considered a more severe case.

11.6DV D2 Modification of 11.6 as follows:

Replace "(IP code)" with "(IP code and Type rating)".
11.6.1DV D2 ***Modification of 11.6.1 by replacing as follows:***

In the first paragraph, replace "IEC 60529" with "CSA C22.2 No. 60529, ANSI/IEC 60529, UL 50E ~~and~~ or CSA C22.2 No. 94.2".

In the third paragraph, replace "The designations of IEC 60529 shall be used (IP code)" with "The designations of "CSA C22.2 No. 60529, ANSI/IEC 60529 (IP Code), UL 50E ~~and~~ or CSA C22.2 No. 94 shall be used".

11.6.3DV D2 ***Modification of 11.6.3 by replacing as follows:***

In the first sentence of the conformity statement, replace "IEC 60529" with "CSA C22.2 No. 60529, ANSI/IEC 60529, UL 50E ~~and~~ or CSA C22.2 No. 94.2".

11.6.4DV D2 ***Modification of 11.6.4 by replacing as follows:***

In the first sentence of the conformity statement, replace "IEC 60529" with "CSA C22.2 No. 60529, ANSI/IEC 60529, UL 50E ~~and~~ or CSA C22.2 No. 94.2".

DVD.5 D2 Addition of the following new clause:

Insulation requirements

DVD.5.1 Neutral conductors shall be considered the same as the line conductor of mains supply.

DVE.1.3 D2 Modification of DVE.1.3 to replace it with the following:

~~These requirements do not apply to detachable (Type S) meters and non-detachable bottom-connected (Type A) electric utility meters that measure, monitor, record, transmit, or receive electrical energy generation or consumption information, including plug-in-type meters intended for installation in meter sockets, meter-socket bases, metering transformer cabinets, or other equipment (such as panel boards) incorporating provisions for plug-in-type meters.~~ Metering equipment and open-type current sensors additionally evaluated for aftermarket kits for field installation shall be marked: "Field Installable Accessory" or "Kit Evaluated for Field Installation", or equivalent. Where there is sufficient space, Symbol 14 of Table 1 may be used with details included in the documentation.

~~**NOTE The safety requirements for utility equipment can be found in the Standard for Safety of Electric Utility Meters, UL 2735 or alternating-current electricity metering, CSA CAN3-C17.**~~

BSR/UL 539, Standard for Safety for Single and Multiple Station Heat Alarms

1. Alignment of Maximum Ambient Temperature of Heat Alarms with NFPA 72

PROPOSAL

7 Temperature Classification

7.1 Single and multiple station heat alarms are classified as to their temperature of operation. See Table 7.1.

Table 7.1
Temperature Classifications

Temperature classification	Rating range,		
	°C	(°F)	
Low	46 – 57	(115 – 134)	
Ordinary	57 – 79	(135 – 174)	
Intermediate	79 – 107	(175 – 225)	

7.2 The maximum rating of a heat alarm shall not exceed 107 °C (225 °F).

7.2A The maximum installation temperature of a heat alarm shall be a minimum of 11.1° C (20° F) below its operating temperature rating.

BSR/UL 2034, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms

1. Section 69 Cross-Reference Correction

PROPOSAL

69 Paint Loading Test

69.1 Unless marked in accordance with ~~89.2(j)~~ 89.2(l), an alarm shall operate as intended and shall comply with the requirements of the Sensitivity Test, Section 41, after painting, if the alarm assembly, screens, openings, or similar items are capable of becoming clogged or covered by painting.

ANSI/ICC 1210-2023

a. Shall statement revised: 104.3 “On-site connections which require inspections shall include:”
“5. Connections between off-site MEP system components and on-site utilities.”

b. Shall statement revised: 301.2 “Alternative materials, design and methods of construction and equipment. The provisions of this standard are not intended to prevent the use of alternate materials and methods permitted by Section 104.11 of the IBC ~~or~~ and Section R104.11 of the IRC as permitted by the adopted codes of the AHJ.”
c. Shall statement deleted: 302.4 (in the public review draft) “~~Design. Mechanical system design shall comply with the applicable provisions of the IMC, IFGC, IRC, IECC~~.”
d. Shall statement revised: 302.5.1 “Equipment installed in unconditioned locations shall be listed and labeled for such applications.”
e. Shall statement deleted: 303.4.2 (in the public review draft) “~~Manufactured Homes. Electrical systems for manufactured homes shall be designed in accordance with all appliable Federal, State, and local requirements and Article 550 of NFPA 70~~.”
f. Shall statement revised: 303.4.2 (303.4.3 in the public review draft) “Emergency Systems. Emergency systems shall be designed in accordance with the applicable requirements in the IFC, IBC, Article 700 of NFPA 70 and the applicable provisions of NFPA 110 and NFPA 111.”
g. Shall statement revised: 303.4.5 (303.4.6 in the public review draft) “Energy Storage Systems. Energy storage systems shall be designed in accordance with the appliable provisions of ~~NFPA 70 and~~ the IFC or IRC.”
h. Shall statement deleted: 303.4.6.1 (in the public review draft) “~~Listing. Energy storage systems shall be listed and labeled in accordance with UL 9540~~.”
i. Shall statement revised: 306.3 “Exterior walls. Exterior walls shall comply with performance requirements in IBC Chapter 14

for weather protection, structural load resistance, fire resistance, water resistance, and flood resistance, where applicable, and IECC Section C402 or IRC Chapter 6 and Sections R703 and N1102 (R402) for building thermal envelope ~~requirements for system continuity.~~"

j. Shall statement revised: 306.3.1 "Control layers. Where applicable, air, vapor and weather barrier systems and flashing shall be designed and installed to provide continuity of the barrier."
k. Shall statement revised: 401.2 "Concealed System Components. MEP components that are concealed prior to delivery to the on-site location, shall be tested in accordance with the manufacturer's installation instructions or inspections and testing including the applicable sections of NFPA 70, the IECC, IMC, IFGC, IRC, and IPC to detect leaks and defects."
l. Shall statement deleted: 402.2 (in the public review draft) "Off-site General. Mechanical and fuel gas systems and components shall be designed and installed in accordance with ICC 1200 Section 303 and ICC 1205 Section 306."
m. Shall statement added: 402.3 "Listing and Installation of Mechanical and Fuel Gas Appliances and Equipment. Mechanical and fuel gas appliances and equipment shall be installed in accordance with their listing and labeling and the manufacturer's instructions."
n. Shall statement revised: 404.2 "Plumbing Systems and Components. Plumbing systems and components installed off-site shall meet the requirements outlined in the IPC or IRC."
o. Shall statement added: 503.2.1 "GFCI and AFCI. Ground-fault circuit-interrupter protection for personnel (GFCI) and Arc-fault circuit-interrupter protection (AFCI) shall be tested in accordance with the manufacturer's instructions."
p. Shall statement added: 503.2.2 "GFPE. Where provided, ground-fault protection of equipment (GFPE) shall be performance tested in accordance with NFPA 70 Section 230.95(C)."

q. Shall statement revised: 504.1 “Plumbing Testing. Plumbing testing shall be performed in accordance with the applicable sections of the IPC, Section 312 or IRC, Section P2503.”
r. Shall statement revised and new shall statement added: 505.1.2 “Duct Testing. Ducts that are concealed prior to delivery to the on-site location, shall be leakage tested in accordance with applicable standards including the testing sections in the IECC to detect leaks and defects. Duct systems that are fully installed off-site shall be tested, adjusted, and balanced in accordance with the IMC by a certified TAB technician prior to delivery to the on-site location.”
s. Shall statement added: 702.5.1 “Refrigerant ports shall be closed and sealed according to manufacturer’s guidelines for transportation and storage.”
t. Shall statement added: 702.5.6 “Electrical Equipment. Electrical equipment shall be protected from physical damage, contamination by dust and debris, and damage from weather during construction.”
u. Shall statement revised: 805.2 “Mechanical Components. Mechanical components, appliances, and equipment that have been altered, extended, or repaired shall be tested in accordance with the manufacturer’s installation instructions or Inspections and Testing section of the IMC, IFGC, or IRC as applicable to disclose leaks and defects.”
v. Shall statement added: 805.2.1 “Reconditioning and Repair. Damaged mechanical components, appliances and equipment shall be reconditioned or repaired in accordance with the applicable requirements in the IMC, IFGC, or IRC as applicable and the equipment manufacturer’s instructions.”
w. Shall statement revised: 805.4.1 “Rough Piping Installation. ~~Each Modular Component shall have the~~ For completed rough piping installations; water, drain waste and venting systems shall be tested in accordance with the applicable requirements of the IPC or the IRC ~~by a vacuum without evidence of leakage. The test shall be applied to the complete water and drainage system~~. ~~The vacuum test shall be maintained for the duration of the construction and to the final site destination, as follows:~~

~~The portion under test shall be evacuated of air by a vacuum-type pump to achieve a uniform gauge pressure of -5 pounds per square inch (-34 kPa) or -10 inches of mercury column~~."

ANSI/ICC 400-2021: Shall statement revised: 305.3.1.1 “U-Factor. The U-Factor (U*w*) of the opaque log wall assembly shall be selected from Table 305.3.1.1 to meet the mass wall U-factor requirements of Table R402.1.4 of the International Energy Conservation Code, as applicable.”