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Project Initiation Notification System (PINS)

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

CSA (CSA America Standards Inc.)

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New Standard

BSR/CSA C22.2 No. 368-202x, Particular requirements for electric operated utility winches (new standard)

Stakeholders: certification agencies, industry

Project Need: To provide safety requirements for electric operated utility winches

Interest Categories: regulatory, user, producer and general interest categories

This Standard deals with the safety requirements of electrical motor-operated utility winches employing steel cable or synthetic rope intended for movement or manipulation of loads supported on level or inclined planes that are intended to be installed or used in accordance with CSA C22.1, Canadian Electric Code, Part I, in Canada, and with the National Electrical Code, NFPA 70 in the U.S. The following power systems are covered: – mains powered motors up to a RATED VOLTAGE of 250V or – battery powered motors.

ECIA (Electronic Components Industry Association)

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Revision

BSR/EIA 469-G-202x, Test Method for Destructive Physical Analysis (DPA) of Ceramic Monolithic Capacitors (revision and redesignation of ANSI/EIA 469-F-2025)

Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and Redesignate current ANS

Interest Categories: User, Producer, General Interest

This document provides terminology, suggested methods, and criteria for characterizing the internal structural features of monolithic, ceramic dielectric capacitors. Its major objective is the accurate evaluation of the internal physical quality of the chip capacitor element as it relates to the functional reliability of the finished capacitor. This Standard also provides needed and useful information pertaining to activities associated with destructive physical analysis (DPA), such as visual inspection and DPA reporting. In addition, it provides tutorial help for problems inherent in DPA sample processing.

EOS/ESD (ESD Association, Inc.)

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Revision

BSR/EOS ESDA/JEDEC JS-001-202x, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing – Human Body Model (HBM) – Device Level (revision of ANSI/EOS ESDA/JEDEC JS-001-2024)

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

Project Need: The purpose (objective) of this standard is to establish a test method that will replicate HBM failures and provide reliable, repeatable HBM ESD test results from tester to tester, regardless of device type. Repeatable data will enable accurate classification and comparison of HBM ESD sensitivity levels.

Interest Categories: User, Manufacturer, Supplier, General Interest

This standard establishes the procedure for testing, evaluating, and classifying devices and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined human body model (HBM) electrostatic discharge (ESD). All packaged semiconductor devices, thin film circuits, acoustic wave devices, optoelectronic devices, hybrid integrated circuits (HICs), discrete, and multi-chip modules (MCMs) containing any of these devices, as well as unpackaged singulated bare die, and die that are still part of a wafer, are to be evaluated according to this standard.

EOS/ESD (ESD Association, Inc.)

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Revision

BSR/EOS ESD SP5.1.3-202x, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing – Human Body Model (HBM) Testing – Device Level – A Method for Randomly Selecting Pin Pairs (revision of ANSI/ESD SP5.1.3 -2017 (R2022))

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

Project Need: The objective of this standard practice is to establish an alternative method for selecting pin pairs used in human body model testing as described in ANSI/ESDA/JEDEC JS-001. NOTE: The results obtained by applying this standard practice may or may not be identical to the results obtained by applying ANSI/ESDA/JEDEC JS-001 using Table 2A or Table 2B.

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

The pin pair combinations randomly selected as per this standard practice can be used as an alternative to Table 2A or Table 2B combinations in ANSI/ESDA/JEDEC JS-001 for testing components and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined human body model (HBM) electrostatic discharge (ESD).

EOS/ESD (ESD Association, Inc.)

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Revision

BSR/EOS ESD STM9.1-202x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Footwear and Foot Grounders – Resistive Characterization (revision of ANSI/EOS ESD STM9.1 -2022)

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

Project Need: This document provides methods to measure the electrical resistance of footwear and foot grounders.

Interest Categories: User, Manufacturer, Supplier, General Interest

This standard test method applies to all footwear and foot grounders, including, but not limited to shoes, boots, heel straps, toe grounders, sole grounders, and shoe covers/booties.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1082-202x, Guide for Incorporating Human Reliability Analysis into Probabilistic Risk Assessments for Nuclear Facilities (new standard)

Stakeholders: Regulatory agencies, Nuclear Power Generating Stations, and other nuclear facilities, A/Es, vendors and consultants.

Project Need: The original document is nearing its ten-year anniversary. There is a recognized need to keep the Guide in an active status for another ten years. This revision will update normative references, update bibliographic references, harmonize definitions with other standards, and revise the guidance as needed, including adding informative annexes to reflect the state-of-the-art practices.

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 provides a structured framework for the incorporation of human reliability analysis (HRA) into probabilistic risk assessments (PRAs).

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1240-202x, Guide for the Evaluation of the Reliability, Availability, and Maintainability (RAM) of High-Voltage Direct Current (HVDC) Converter Stations (new standard)

Stakeholders: The users and stakeholders of this guide are engineering consultants or owner's engineers who are preparing the technical specifications for an HVDC facility, the end users who will own, maintain and operate an HVDC facility, as well as the manufacturers who are designing the HVDC facility.

Project Need: RAM is a critical aspect of HVDC design, with direct impact on the end-user purchasing and operating an HVDC system. Since the publication of the prior Std. 1240, HVDC technology has advanced to include new power electronics devices and more sophisticated digital controls and communications systems that have significant impacts on RAM. In addition, regulatory agencies such as NERC and IEC have enacted new standards that are relevant to HVDC system RAM and should be reflected in this guide.

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 promotes the concepts of reliability, availability, and maintainability (RAM) as applicable to the design, operation, and specification of high-voltage direct current (HVDC) converter stations. The document states the RAM objectives, introduces basic RAM theory and calculations, and provides guidelines on design, operation, performance monitoring and maintenance; the guide also offers considerations for RAM specifications, spare parts strategies, and maintenance best practices of HVDC converter stations.

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New Standard

BSR/IEEE 1415-202x, Guide for Maintenance Testing and Failure Analysis of Induction Machines Rated 15 kV and Below (new standard)

Stakeholders: Producers (manufacturers), Users (owners) and individuals with General Interest in induction machinery are interested in and will benefit from this Guide.

Project Need: The Guide provides the following needs not found in a single document elsewhere: • Aids the thought processes and procedures necessary to determine root cause for failures. • Provides guidance on maintenance testing. • Provides guidance concerning the appropriateness of various maintenance tests and in interpreting the results of those tests with respect to failure analysis and to routine predictive maintenance activities. • Provides a methodology by which the most probable cause of any particular machine failure may be determined. • Encourages the establishment of routine and uniform data collection so that valuable facts concerning the failure are not destroyed. • Encourages cooperative efforts between users and manufacturers during failure analysis.

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 provides maintenance testing and failure analysis guidance for form-wound, squirrel cage and wound-rotor, induction machinery rated up to 15 kV. The guide addresses the following machine systems: stator (winding and core); rotor (winding and core); vibration and noise; bearings and shafts; structure and frame; ventilation; accessories.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1547.1-202x, Standard Conformance Test Procedures for Equipment Interconnecting Distributed Energy Resources with Electric Power Systems and Associated Interfaces (new standard)

Stakeholders: Stakeholders include: testing laboratories; conformity assessment professionals; electric power system owners, planners, designers, and operators; electricity consumers; equipment manufacturers; system integrators; distributed energy resource personnel; energy efficiency and demand response personnel; academicians; and regulatory and government bodies.

Project Need: IEEE Std 1547-2018 is currently undergoing revision. Because IEEE Std 1547.1-2020 specifies the conformance test procedures for IEEE Std 1547, there is a corresponding need to revise IEEE Std 1547.1-2020 to maintain alignment with the updated requirements of the revised IEEE Std 1547. The revision of IEEE Std 1547 addresses the evolving characteristics of modern electric power systems, interconnection systems, and distributed energy resources (DER) technologies and operational practices. Accordingly, this project to revise IEEE Std 1547.1 is necessary to ensure that the associated test procedures reflect these modernized technical requirements, as well as to incorporate contemporary testing and evaluation methods consistent with current industry practices.

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 the type, production, commissioning, and periodic tests and evaluations that shall be performed to confirm that the interconnection and interoperation functions of equipment and systems interconnecting distributed energy resources (DERs) with the electric power system (EPS) conform to IEEE Std 1547, as revised, corrected, or amended.

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New Standard

BSR/IEEE 1901.5-202x, Standard for Enhanced Medium Frequency (12 MHz) Power Line Communications (PLC) with Hybrid PLC/Radio Frequency Physical Layer (PHY) (new standard)

Stakeholders: Power Distribution Companies, Meter Manufacturers, Semiconductor/Chipset Manufacturers, Software Developers, AI Developers, Grid Operators, Equipment Manufacturers

Project Need: The proliferation of Distributed Energy Resources (DER) continues, and it changes the way the Power Distribution Grid (PDG) operates. DERs could provide a path to solving many problems including grid congestion, reverse transformer overload, and peak shaving. But to do so the industry needs to develop a reliable and fast PDG IoT Communication to support near real time data collection and high reliability of data that can enable decentralized orchestration and reliable forecasting. This serves as a platform for deploying Artificial Intelligence (AI) for the PDG. This standard addresses this need.

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>

Standard specifies Physical (PHY) and Media Access Control (MAC) layers of the medium frequency band (less than 12 MHz) broadband power line communication technology for smart grid applications based on Orthogonal Frequency Division Multiplexing (OFDM). This standard further extends the capabilities defined in the IEEE 1901.1-2018 and the IEEE 1901.3-2025. This standard also specifies the data link layer of a hybrid physical layer (PHY), consisting of the physical layer (PHY) defined in IEEE 1901.1-2018, the radio frequency (RF) communication technology physical layer defined in IEEE 1901.3-2025, and the enhanced physical layer defined in this standard. This standard provides the mechanism for coexistence of the full family of standards (IEEE 1901, IEEE 1901.1, IEEE 1901.3) on the same network. This standard provides an identification mechanism so that a node joining the network can properly select the protocol version (IEEE 1901.1, IEEE 1901.3, and IEEE P1901.5) and mode of operation. This standard addresses applications and use cases for smart grid, photovoltaic energy system, vehicle-to-grid (V2G) and Vehicle/Grid Integration (VGI), smart home/building, and other data distribution applications. The standard addresses necessary security requirements that enable the use of this technology for mission critical and security-sensitive services and applications.

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New Standard

BSR/IEEE 3004.2-202x, Recommended Practice for the Selection and Application of Protective Relays in Industrial and Commercial Power Systems (new standard)

Stakeholders: Those interested in, or responsible for, the selection and application of protective relays typically used in industrial and commercial power systems.

Project Need: Protective devices have evolved tremendously and this standard aims to address those 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 recommended practice describes the selection and application of commonly used protective relays and their associated functions for industrial and commercial power systems.

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New Standard

BSR/IEEE 4132-202x, Standard for the Design, Development, and Enterprise Implementation of Immersive Technology in Healthcare (new standard)

Stakeholders: Designers and developers of immersive technology programs, platforms, and services; healthcare organizations; healthcare providers and clinical staff; healthcare IT and cybersecurity administrators; medical device manufacturers and regulators; and patients.

Project Need: Immersive technology has demonstrated significant benefits in healthcare for clinical use cases such as pain management, mental health, rehabilitation, and physical therapy. As demand grows exponentially, developers face barriers in helping ensure their products meet stringent healthcare requirements regarding clinical workflows, IT infrastructure integration, device safety, and patient data privacy. This standard is needed to provide multi-disciplinary requirements based on real-world clinical implementation experiences, bridging the gap between highly fragmented commercial immersive technologies and complex healthcare system operations. Additionally, immersive technology is proving effective for medical and health-related education, for clinicians and allied health professionals as well as for patients and general public health. It is a powerful tool for addressing critical shortages of healthcare workers, as well as for engaging patients and the public in their own care and disease prevention.

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 criteria and requirements for selecting, configuring, and developing immersive technology, including augmented reality (AR), mixed reality (MR), and virtual reality (VR), for implementation in healthcare settings and running on devices such as head-mounted displays (HMDs), smart glasses, and other mobile or wearable platforms. The standard covers four primary areas: immersive applications, platform and device specifications, enterprise information technology (IT) infrastructure integration, and business compliance guidelines. It addresses product design requirements across two primary phases: piloting or evaluating a minimal viable product (MVP), and enterprise-wide scaling after the demonstration of a positive evaluation. The use cases covered span care delivery in healthcare facilities and via telehealth; and training and education for healthcare professionals and patients.

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New Standard

BSR/IEEE 4133-202x, Guide for the Planning of Electrical Transmission, Distribution and Generation Substations (new standard)

Stakeholders: Personal involved with substation planning, design, operation and maintenance. It includes consultants, asset management, planning engineers, design engineers, operations, maintenance, project managers and anyone involved with substation scope and design.

Project Need: Currently, there is no industry standard that covers these areas as applicable to Substation design and coordination with the associated entities that affect substation design.

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 provides comprehensive direction for the planning of new transmission, distribution, and generation substations as well as the expansion of existing facilities. The scope includes coordination with interconnecting facilities and has jurisdiction up to the point of interconnection. It supports both substation planning engineers and substation design engineers. This document provides a structured framework that supports the development of substation project scope for consistent substation designs. It provides a process for developing a substation project scope that enables adaptability to evolving standards, technologies, and various system needs. Key topics include: • Bus configurations to meet reliability and redundancy expectations • Initial versus ultimate design scope documentation for planning, for long term scalability • Property size requirements, including determination of both graded and fenced station area and external space • requirements • Grading strategies and site development considerations • Substation site selection guidelines and environmental factors • Coordination with transmission, distribution, and generation planning teams for system-wide alignment • Layout considerations for maintenance access, operational efficiency, and future expansions • Approaches to integrating new design standards into expansions of older or legacy substations • Coordination with interconnecting facilities for design and planning purposes

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New Standard

BSR/IEEE 4156-202x, Guide for Planning, Design and Installation of 765 kV Substations (new standard)

Stakeholders: Utilities, planners, testing laboratories, equipment manufacturers, consultants, contractors, safety professionals, field workers, asset management, equipment engineers, permitting, and regulators.

Project Need: There currently is no industry standard that covers Extra-High Voltage (EHV) design beyond 500 kV directly applicable to substations. This guide plans to address that need by expanding guidance on the unique challenges when working on EHV voltage classes, starting with the next class above 500 kV, 765 kV. While more common in the eastern hemisphere, it is still an emerging technological upgrade facing the west. This guide provides support to substation planning and substation design engineers through the unique challenges presented by installations at 765 kV.

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 provides good practices, engineering basis and design criteria for the planning, design, and installation of new 765 kV substations including expansion of existing facilities.

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New Standard

BSR/IEEE 4200-202x, Standard for Electric Transmission and Distribution System Interconnection Functional, Performance, and Interoperability Requirements for Data Centers (new standard)

Stakeholders: Electric utilities, data center operators and developers, consulting engineers, independent power producers (IPPs), independent system operators (ISOs), regional transmission organization (RTO), transmission system operators (TSOs), distribution system operators (DSOs)

Project Need: Rapid growth in hyperscale and artificial intelligence (AI)-driven facilities has exposed gaps in current interconnection standards and requirements, including inconsistent modeling and data requirements; limited visibility into backup power behavior; and insufficient information for planning, stability assessment, and operational coordination. The variation in the technical requirements for large data center sites between utilities and grid operators across the world poses challenges to data center design and the standardization of their facility responses and controls in response to power system disturbances.

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 establishes uniform technical minimum requirements for interconnection of data centers and associated components with electric transmission and electric utility distribution systems. It specifies requirements for functional capabilities, performance capability, and lifetime conformity of data centers. It specifies reference point of applicability, applicable voltage and frequency, ride-through capabilities and performance, post fault active power recovery timing, protection coordination, oscillation and ramp rate management, power quality, and monitoring methods. It also defines the data, models, and documentation needed for accurate system studies, including steady-state, positive-sequence, and model representations, load composition, protection and reclosing behavior, and backup power system interactions during both commissioning and operations. The standard builds upon the interconnection requirement methodologies of IEEE 1547, IEEE 2800, and IEC 62786. Requirements for large load facilities other than data centers are not in the scope. Load components and supplemental equipment within a data center that may be used to achieve conformity with this standard are in scope.

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New Standard

BSR/IEEE 19759-202x, Software Engineering Body of Knowledge (new standard)

Stakeholders: The SWEBOK is a reference for software engineering practitioners, students, researchers, accreditation bodies, and certification providers.

Project Need: The SWEBOK provides recommended practices and guidance for learners, researchers, and practitioners to identify and share a common understanding of generally accepted knowledge in software engineering, defining the boundary between software engineering and related disciplines, and providing a foundation for certifications and educational curricula.

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 Software Engineering Body of Knowledge (SWEBOK) characterizes the major processes, models and methods, professional practices, and foundational areas of software engineering and provides topical access to the standards and literature supporting that discipline. It represents the current state of generally accepted, consensus-based knowledge emanating from the interplay between software engineering theory and practice.

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New Standard

BSR/IEEE C.57.12.70-202x, Standard for Standard Terminal Markings and Connections for Distribution and Power Transformers (new standard)

Stakeholders: The electric utility industry, industrial and commercial users of transformer equipment, and manufacturers of distribution and power transformers.

Project Need: This work is required to clarify some of the drawings and statements in the standard.

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 defines the terminal markings and connections for distribution, power, and regulating transformers covered in the IEEE C57(TM) series of standards, guides, and recommended practices.

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Revision

BSR/IEEE C57.12.40-202x, Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed) (revision of ANSI/IEEE C57.12.40-2025)

Stakeholders: Electric utilities, end users and equipment manufacturers.

Project Need: This standard is needed to provide guidelines on the safety, performance and proper selection of the equipment covered.

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 covers certain electrical, dimensional, and mechanical characteristics and takes into consideration certain safety features of three-phase, 60 Hz, liquid-immersed, self-cooled, network transformers with a primary grounding switch. These transformers are rated 2500 kVA and below with high voltages of 34 500 V and below and secondaries of 600 V and below. These transformers are generally used for step-down purposes from underground primary cables and supply a secondary network system through network protectors. These transformers are typically installed below ground level.

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Addenda

BSR/IEEE C57.19.00a-202x, IEEE Standard for General Requirements and Test Procedure for Power Apparatus Bushings (addenda to ANSI/IEEE C57.19.00-2025)

Stakeholders: Transmission and Distribution stations, Generation Station, Insulators and Breakers

Project Need: To address the need of the simulation tests as an alternative for qualification of the thermal stability of the transformer bushings.

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>

Text associated with simulating the current by appropriate means during the test that had been part of the Thermal Stability Test clause (7.3.1) of the 2004 version of the document was removed in the version that was balloted for the 2023 publication of the document. This Amendment is intended to return that text to the document, specifically adding the text "or simulated by appropriate means to produce equivalent losses as the final conductor" to the end of the second sentence of the second dashed paragraph within clause 7.3.1.

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New Standard

BSR/IEEE C57.41-202x, Guide for Interpreting Tests on the Degradation of Cellulosic Materials in Liquid-Immersed Transformers and Reactors (new standard)

Stakeholders: Transformer and Reactors manufacturers, owners and service companies that are responsible for the health of that apparatus.

Project Need: There is no present IEEE guide that addresses this subject. For folks to understand how the solid cellulose is aging in an asset, it is imperative that sound engineering guidance be available to IEEE members.

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 applicable to liquid-immersed transformers and reactors and provides a comprehensive examination of cellulose insulation systems. It presents an introduction to and historical context for the use of cellulose in electrical insulation, encompassing both its inherent advantages and known limitations. The guide addresses the aging mechanisms of cellulose within liquid-immersed transformers and reactors containing mineral oil, natural or synthetic esters, or silicone-based dielectric liquids. Subject matter includes diagnostic testing methodologies for evaluating cellulose degradation, along with guidance on the interpretation of results, and the influence of transformer and reactor design, construction practices, and operational parameters on cellulose condition. Further topics encompass the behavior and fate of cellulose aging by-products and markers as a function of liquid processing activities, quantitative methods for cellulose service life estimation and associated risk assessment, illustrative case studies and practical examples, and a comprehensive bibliography of relevant literature.

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New Standard

BSR/IEEE C57.42-202x, Guide for Detection and Impact of Corrosive Sulfur in Liquid-Immersed Transformers and Reactors (new standard)

Stakeholders: Owners and service companies involved with transformers, LTCs and bushings

Project Need: No relevant standards cover this topic and it is a special need for the industry as many transformer failures have resulted from corrosive sulfur.

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 applies to liquid-immersed transformers and reactors and provides comprehensive coverage of the following subject areas: an overview and description of corrosive sulfur and its chemical characteristics; the adverse effects of corrosive sulfur on transformer and reactor components; the analytical testing methods employed to detect and assess its presence; evaluation criteria and operational guidelines for managing corrosive sulfur-related concerns; electrical testing procedures and diagnostics; risk assessment frameworks and mitigation strategies to minimize equipment degradation and failure; illustrative case studies and practical examples drawn from field experience; and an extensive bibliography of related literature for further reference and study.

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New Standard

BSR/IEEE C57.43-202x, Guide for Loading Liquid-Immersed Transformers Using Non-Conventional Insulation Systems (new standard)

Stakeholders: Primarily end users of transformers with non-conventional insulation systems. Additionally, manufacturers may utilize information in the guide to ensure their transformers are capable of being loaded by users applying the guide.

Project Need: The existing loading guide for oil-immersed transformers, IEEE C57.91-2025, only covers the conventional mineral oil and thermally-upgraded kraft paper insulation systems. A guide that covers non-conventional insulation systems, which may include natural and synthetic esters or aramid insulation, is needed as users already have these transformers in operation and need proper guidance for loading.

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 provides guidance for loading liquid-immersed transformers with non-conventional insulation systems not covered by IEEE Std C57.91-2025. This guide applies to transformers designed in accordance with IEEE Std C57.12.00 or IEEE Std C57.154.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C57.45-202x, Guide for Transformer Data and Parameters used in System Studies (new standard)

Stakeholders: Utilities, manufacturers, consultants, and end users.

Project Need: This guide establishes consistent definitions for transformer parameters used in system studies and provides guidance on methods for determining or estimating them. Implementing this guide will improve the accuracy and consistency of transformer modeling across different software tools and applications.

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 identifies transformer data and parameters used in computer programs to model transformers and predict their responses to steady-state and transient power system conditions. It provides guidance on methods for determining such data and parameters when direct measurement is unavailable.

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE C62.43.0-202x, Guide for Surge Protectors and Protective Circuits Used in Information and Communications Technology Circuits, Including Smart Grid Data Networks--Overview (new standard)

Stakeholders: Compliance engineers, quality control engineers, surge protection engineers, and system designers in the information technology and communications (ITC) industry.

Project Need: C62.43 is out of date, and needs to be revised, due to new technology and growth/implementation of the smart grid.

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 gives an overview of the application of surge protectors and protective circuits used in information and communications technology (ICT) circuits, including smart grid data networks.

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

Deborah Spittle comments@mail.standards.incits.org > | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO 19135:2026 [202x], Geographic information - Registration and register governance (identical national adoption of ISO 19135:2026 and revision of INCITS/ISO 19135-1:2015 [R2023], INCITS/ISO 19135-1:2015/AM1:2021 [2022])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Defines a framework for the extensible registration of information - an approach used to manage an information register. This framework specifies the following requirements of an information register: capability requirements that an information register uses to manage register content; governance requirements that define a set of processes and rules used in the establishment, management, operation, content publication and use of an information register.

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

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National Adoption

INCITS/ISO/IEC 14496-12:2026 [202x], Information technology - Coding of audio-visual objects Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2026 and revision of INCITS/ISO/IEC 14496-12:2022 [2022])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies the ISO base media file format, which is a general format forming the basis for a number of other more specific file formats. This format contains the timing, structure, and media information for timed sequences of media data, such as audio-visual presentations.

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

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National Adoption

INCITS/ISO/IEC 15408-1:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT security Part 1: Introduction and general model (identical national adoption of ISO/IEC 15408-1:2026 and revision of INCITS/ISO/IEC 15408-1:2022 [2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Establishes the general concepts and principles of information technology (IT) security evaluation. It specifies the general model of evaluation given in this document, which in its entirety is intended to be used as the basis for evaluation of security properties of IT products.

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

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National Adoption

INCITS/ISO/IEC 15408-2:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 2: Security functional components (identical national adoption of ISO/IEC 15408-2:2026 and revision of INCITS/ISO/IEC 15408-2:2022 [2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies requirements for the required structure and content of security functional components for use during a security evaluation. It includes a catalogue of functional components that meet the common security functionality requirements of many IT products.

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

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National Adoption

INCITS/ISO/IEC 15408-3:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 3: Security assurance components (identical national adoption of ISO/IEC 15408-3:2026 and revision of INCITS/ISO/IEC 15408-3:2022 [2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies the security assurance requirements of the ISO/IEC 15408 series. It includes the individual assurance components from which the evaluation assurance levels and other packages contained in ISO/IEC 15408-5 are composed, and the criteria for evaluation of Protection Profiles (PPs), PP-Configurations, PP-Modules and Security Targets (STs).

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

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National Adoption

INCITS/ISO/IEC 15408-4:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 4: Framework for the specification of evaluation methods and activities (identical national adoption of ISO/IEC 15408-4:2026 and revision of INCITS/ISO/IEC 15408-4:2022 [2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies requirements and a standardized framework for specifying objective, repeatable and reproducible evaluation methods and evaluation activities. This document does not specify how to evaluate, adopt, or maintain evaluation methods and evaluation activities. These aspects are a matter for those originating the evaluation methods and evaluation activities in their particular area of interest.

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

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National Adoption

INCITS/ISO/IEC 15408-5:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT security Part 5: Pre-defined packages of security requirements (identical national adoption of ISO/IEC 15408-5:2026 and revision of INCITS/ISO/IEC 15408-5:2022 [2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Provides packages of security assurance and security functional requirements that are intended to be useful in support of common usage by stakeholders. The users of this document can include consumers, developers and evaluators of secure IT products.

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

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National Adoption

INCITS/ISO/IEC 15693-3:2026 [202x], Cards and security devices for personal identification - Contactless vicinity objects Part 3: Anticollision and transmission protocol (identical national adoption of ISO/IEC 15693-3:2026 and revision of INCITS/ISO/IEC 15693-3:2019 [R2025])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies protocols and commands, other parameters required to initialize communications between a vicinity integrated circuit card and a vicinity coupling device, methods to detect and communicate with one card among several cards ("anticollision"), optional means to ease and speed up the selection of one among several cards based on application criteria. This document does not preclude the addition of other existing card standards on the vicinity integrated circuit card (VICC), such as ISO/IEC 7816-6 or others listed in this document.

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

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National Adoption

INCITS/ISO/IEC 17839-1:2025 [202x], Information technology - Biometric system-on-card Part 1: Core requirements (identical national adoption of ISO/IEC 17839-1:2025 and revision of INCITS/ISO/IEC 17839-1:2014 [R2026])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Establishes functional architecture of a Biometric System-on-Card (BSoC), definition of Type ID-1 BSoC (ISO/IEC 7810 conformant) and Type ID-T BSoC (see ISO/IEC 18328-2:2021, Annex A) implementation of a BSoC, sensor types in a BSoC, requirements to a BSoC with respect to: discriminative power (i.e. biometric accuracy criteria), interfaces, power supply options.

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

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National Adoption

INCITS/ISO/IEC 17839-3:2026 [202x], Information technology - Biometric System-on-Card Part 3: Logical information interchange mechanism (identical national adoption of ISO/IEC 17839-3:2026 and revision of INCITS/ISO/IEC 17839-3:2016 [R2026])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies logical data structures for a Biometric System-on-Card (BSoC), enrolment procedures; and usage of commands and data structures defined in other International Standards for BSoC. This document does not define requirements for commands and data structures that apply to devices external to a BSoC, commands and data structures that apply to logical interfaces inside a BSoC.

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

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National Adoption

INCITS/ISO/IEC 18181-2:2026 [202x], Information technology - JPEG XL image coding system Part 2: File format (identical national adoption of ISO/IEC 18181-2:2026 and revision of INCITS/ISO/IEC 18181-2:2024 [2024])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies the transport and container formats for JPEG XL codestreams as specified in ISO/IEC 18181-1. This document specifies how to add metadata and extensions to JPEG XL codestreams. A file as described by this document is called a JPEG XL file.

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

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National Adoption

INCITS/ISO/IEC 19566-6:2026 [202x], Information technologies - JPEG systems Part 6: JPEG 360 (identical national adoption of ISO/IEC 19566-6:2026 and revision of INCITS/ISO/IEC 19566-6:2019 [R2026])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies omnidirectional/360-degree image and motion contents using Rec. ITU-T T.81 | ISO/IEC 10918 1, Rec. ITU-T T.800 (11/2015) | ISO/IEC 15444-1, and ISO/IEC 18477-3.

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

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National Adoption

INCITS/ISO/IEC 19896-1:2025 [202x], Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel Part 1: Overview and concepts (identical national adoption of ISO/IEC 19896-1:2025 and revision of INCITS/ISO/IEC 19896-1:2018 [R2024])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Establishes an organized set of concepts and relationships to understand the competency requirements for information security conformance-testing and evaluation specialists, thereby establishing a basis for shared understanding of the concepts and principles central to the ISO/IEC 19896 series across its user communities.

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

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National Adoption

INCITS/ISO/IEC 19896-2:2026 [202x], Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel Part 2: Knowledge and skills requirements for testers and validators according to ISO/IEC 19790 and ISO/IEC 24759 (identical national adoption of ISO/IEC 19896-2:2026 and revision of INCITS/ISO/IEC 19896-2:2018 [R2024])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Provides the minimum requirements for the knowledge and skills of assessment body testers and validators performing testing activities and validating activities for a conformance scheme using ISO/IEC 19790 and ISO/IEC 24759.

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

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National Adoption

INCITS/ISO/IEC 19896-3:2025 [202x], Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel Part 3: Knowledge and skills requirements for evaluators and reviewers according to the ISO/IEC 15408 series and ISO/IEC 18045 (identical national adoption of ISO/IEC 19896-3:2025 and revision of INCITS/ISO/IEC 19896-3:2018 [R2024])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Provides the specialized requirements for individuals to demonstrate competence in performing IT product security evaluations and reviews according to the ISO/IEC 15408 series and ISO/IEC 18045.

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

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National Adoption

INCITS/ISO/IEC 30134-2:2026 [202x], Information technology - Data centres key performance indicators Part 2: Power usage effectiveness (PUE) (identical national adoption of ISO/IEC 30134-2:2026 and revision of INCITS/ISO/IEC 30134-2:2016 [2022], INCITS/ISO/IEC 30134-2:2016/AM1:2018 [2022])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Defines Power Usage Effectiveness (PUE), the globally recognized key performance indicator (KPI) for quantifying how efficiently a data centre uses energy. As digital infrastructure continues to grow and power consumption becomes a growing concern, PUE provides organizations with a standardized way to measure the energy performance of their data centres and identify opportunities for improvement. This updated edition includes new guidance for mixed-use buildings, updated measurement requirements, and greater clarity around unaccounted energy and on-site generation.

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

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National Adoption

INCITS/ISO/IEC 17629:2025 [202x], Information technology - Office equipment - Method for measuring first print out time for digital printing devices (identical national adoption of ISO/IEC 17629:2025 and revision of INCITS/ISO/IEC 17629:2014 [R2024])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies a method for measuring first print out time (FPOT) of digital printing devices. The document is applicable to digital printing devices and multifunctional devices, including black and white (B&W) and colour devices of any underlying marking technology. The document includes instructions for test charts, test setup procedure, test procedure and the reporting requirements for the digital printing measurements.

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

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National Adoption

INCITS/ISO/IEC 18045:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Requirements and methodology for IT security evaluation (identical national adoption of ISO/IEC 18045:2026 and revision of INCITS/ISO/IEC 18045:2022 [2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

Specifies requirements and the minimum actions performed by an evaluator in order to conduct an evaluation using the criteria and evaluation evidence defined in the ISO/IEC 15408 series evaluation.

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

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National Adoption

INCITS/ISO/IEC 19752:2025 [202x], Information technology - Office equipment - Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components (identical national adoption of ISO/IEC 19752:2025 and revision of INCITS/ISO/IEC 19752:2017 [R2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

This document is limited to the evaluation of toner cartridge page yield for toner containing cartridges (i.e. all-in-one toner cartridges and toner cartridges without a photoconductor) for monochrome electrophotographic print systems. This document can also be applied to the printer component of any multifunctional device that has a digital input-printing path, including multi-function devices that contain printer components.

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

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National Adoption

INCITS/ISO/IEC 19798:2025 [202x], Information technology - Office equipment - Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components (identical national adoption of ISO/IEC 19798:2025 and revision of INCITS/ISO/IEC 19798:2017 [R2023])

Stakeholders: ICT Industry

Project Need: Adoption of this international standard is beneficial to the ICT Industry

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

This document is limited to the evaluation of toner cartridge page yield for toner-containing cartridges (i.e. all-in-one toner cartridges and toner cartridges without a photoconductor) for colour electrophotographic print systems. This document can also be applied to the printer component of any multifunctional device that has a digital input printing path, including multi-function devices that contain electrophotographic printer components.

TVC (ASC Z80) (The Vision Council)

Michele Stolberg <ascz80@thevisioncouncil.org> | 225 Reinekers Lane, Suite 700 | Alexandria, VA 22314 www.z80asc.com

Revision

BSR Z80.38-202x, Ophthalmics - Light Hazard from Operation Microscopes Used in Ocular Surgery (revision of ANSI Z80.38-2017 (R2021))

Stakeholders: Manufacturers and distributors of operation microscopes used in ocular surgery; the ophthalmic clinical community.

Project Need: Updating to maintain compliance with the ANSI 5-year review requirement.

Interest Categories: Nationwide organizations of manufacturers and ophthalmic laboratories, professional organizations of ophthalmologists, optometrists, and opticians, federal agencies that are purchasers of ophthalmic materials, and individual members, companies, and experts.

Specifies requirements and test methods for optical radiation hazards from operation microscopes that are used during ocular surgery.

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 817A-202x, Standard for Safety for Data Center Power Whips (new standard)

Stakeholders: Key stakeholders in this standardization activity include Cloud Service Providers, equipment and component manufacturers, and regulators.

Project Need: To develop a joint Canada-United States national standard for Data Center Power Whips. The standard will address the general need for consistent criteria related to performance, construction, and application of these product types to support safe and reliable use across a range of installations. The standard is intended to address the need for certified products that can connect Information Technology (IT) equipment to branch circuits and connect IT equipment with higher power demands.

Interest Categories: Producer, Testing and Standards Organizations, Supply Chain, AHJ/Regulator, Government, Consumer, General Interest, and Commercial / Industrial Users

1.1 This standard specifies the requirements for power whips intended for use in data centers, rated maximum 2000 V and maximum 700 A, 60 Hz ac or continuous load dc, for use in accordance with NFPA 70®, National Electrical Code® (NEC®), and the Canadian Electrical Code, CSA C22.1 where not subject to physical damage. 1.2 Data center power whips shall comply with applicable requirements of UL 817 for Special use cord sets and Special use power-supply cords, where appropriate, except as modified by these requirements.

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 817B-202x, Standard for Safety for Liquid Cooled Data Center Power Whips (new standard)

Stakeholders: Key stakeholders in this standardization activity include Cloud Service Providers (CSP), equipment and component manufacturers, and regulators.

Project Need: To develop a joint Canada-United States national standard for Liquid-Cooled Data Center Power Whips. The standard will address the general need for consistent criteria related to performance, construction, and application of these product types to support safe and reliable use across a range of installations. The standard is intended to address the need for certified products that can connect Information Technology (IT) equipment to branch circuits and connect IT equipment with higher power demands.

Interest Categories: Producer, Testing and Standards Organizations, Supply Chain, AHJ/Regulator, Government, Consumer, General Interest, and Commercial / Industrial Users

1.1 This standard applies to liquid-cooled power whips intended for use in data centers, rated maximum 2000 V and maximum 1500 A for use in accordance with NFPA 70®, National Electrical Code® (NEC®), and the Canadian Electrical Code, CSA C22.1 where not subject to physical damage. 1.2 Liquid-cooled power whips shall comply with applicable requirements of UL 817 for Special use cord sets and Special use power-supply cords, where appropriate, except as modified by these requirements.

ULSE (UL Standards and Engagement)

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New Standard

BSR/UL 2137-202x, Standard for Safety for Data Center Power Cable (new standard)

Stakeholders: Key stakeholders in this standardization activity include installers, equipment and component manufacturers, and regulators.

Project Need: To develop a joint Canada-United States national standard for Data Center Power Cables. The standard will address the general need for consistent criteria related to performance, construction, and application of these product types to support safe and reliable use across a range of installations.

Interest Categories: Producer, Testing and Standards Organizations, Supply Chain, AHJ/Regulator, Government, Consumer, General Interest, and Commercial / Industrial Users

1.1 This standard applies to single and multi-conductor data center power cables for use in accordance with NFPA 70®, National Electrical Code® (NEC®), and the Canadian Electrical Code, CSA C22.1, rated up to 150C, up to 2000V ac or dc, 12 AWG – 1000kcmil circuit conductors, minimum 22 AWG signal conductors.

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 2703A-202x, Standard for Safety for Flashing Devices and Systems for Rooftop-Mounted Photovoltaics (new standard)

Stakeholders: The key stakeholders in need are producers of these flashing materials, producers of photovoltaic module mounting systems, producers of roofing materials, research and testing laboratories, electrical inspection authorities, installers, and building officials.

Project Need: There is currently no existing standard for flashing devices in solar applications. UL 2703A will provide a consistent set of requirements covering reliability and material performance issues related to rooftop-mounted photovoltaic systems. These issues need to be addressed as they may lead to the risk of electric shock and fire due to water ingress through failed flashing. UL 2703A will support innovation while ensuring personnel safety, system reliability, and regulatory confidence.

Interest Categories: Producer, Testing and Standards Organizations, Supply Chain, AHJ/Regulator, Government, General Interest and Commercial / Industrial Users

This standard covers flashing materials, devices, and systems intended to resist water penetration into the building interior in applications where photovoltaic rack mounting systems penetrate roofing systems. These products are intended to be installed in accordance with either the International Building Code (IBC) or the International Residential Code (IRC), and the installation instructions.

ULSE (UL Standards and Engagement)

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New Standard

BSR/UL 6262-202x, Standard for Safety for Fluid Cooled, Data Center Power Cable for use in High Power DC Systems (new standard)

Stakeholders: Key stakeholders in this standardization activity include installers, equipment and component manufacturers, and regulators.

Project Need: To develop a joint Canada-United States national standard for Fluid-Cooled Data Center Power Cables. The standard will address the general need for consistent criteria related to performance, construction, and application of these product types to support safe and reliable use in high power DC systems.

Interest Categories: Producer, Testing and Standards Organizations, Supply Chain, AHJ/Regulator, Government, Consumer, General Interest, and Commercial / Industrial Users

1.1 This standard applies to single and multi-conductor fluid-cooled data center power cables for use in accordance with NFPA 70®, National Electrical Code® (NEC®), and the Canadian Electrical Code, CSA C22.1 intended for the connection of power distribution units to information technology racks, rated up to 105C, up to 2000V dc, 12 AWG – 1000kcmil circuit conductors, minimum 22 AWG signal conductors.

WMA (World Millwork Alliance)

Jessica Ferris <jferris@worldmillworkalliance.com> | 10047 Robert Trent Jones Parkway | New Port Richey, FL 34655 <http://worldmillworkalliance.com>

Revision

BSR/WMA 100-202x, Standard Method for Determining Structural Performance Ratings of Side-Hinged Exterior Door Systems and Procedures for Component Substitution (revision of ANSI/WMA 100-2023)

Stakeholders: The side-hinged exterior door Industry, which includes component manufacturers, door prehangs, distributors, home builders, regulators, industry-related associations, testing and certification agencies.

Project Need: The standard is under periodic maintenance pursuant to ANSI's Essential Requirements for standards, and as such, is required to be reaffirmed or revised at least every 5 years. Proposed revisions for the standard are being considered by WMA at this time which will include adding air leakage and water penetration testing.

Interest Categories: Users: Entities that use WMA standards to specify products either for installation, regulatory purposes, or voluntary programs. This category includes building owners; facilities personnel; regulatory bodies that may use WMA standards as the basis for regulation; specifiers and consultants; and building inspectors. This category also includes third-party testing laboratories and certification agencies; Producers: Entities that produce or sell side-hinged exterior door systems (SHEDS) . This category includes entities that produce and sell SHEDS and/or their components, and entities that represent companies producing and selling SHEDS and/or their components. General Interest: Entities that do not use WMA standards directly,

The WMA 100 uses the ASTM E330 test method to obtain a full system design pressure rating for side-hinged exterior door systems (SHEDS). The standard also defines methods for qualifying door system components for substitution in the rated system, such as door frames, hinges, locking systems, door slabs, doorglass assemblies, sidelights, transoms, mullions, astragals, and thresholds. The standard sets forth door slab stiffness testing procedures in order to measure slab deflection under load so that criteria for substitution of an alternate component within a tested and rated door system can be established.

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 9, 2026

ATIS (Alliance for Telecommunications Industry Solutions)

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

Supplement

BSR/ATIS 1000013.v2.a-202x, ATIS Supplement A to ATIS-1000013.v2.2015, Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services, Version 2 (supplement to ANSI/ATIS 1000013.v2-2015 (R2020))

This Supplement provides modifications to ATIS-1000013.v2.2015, Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services, Version 2.

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

Send comments (copy psa@ansi.org) to: Anna Karditzas <akarditzas@atis.org>

ATIS (Alliance for Telecommunications Industry Solutions)

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

Supplement

BSR/ATIS 10000678.v4.b-202x, ATIS Supplement B to ATIS-1000678.v4.2020, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communications Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4 (supplement to ANSI/ATIS 1000678.v4-2020)

This Supplement provides modifications to ATIS-1000678.v4.2020, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communication Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4.

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

Send comments (copy psa@ansi.org) to: Anna Karditzas <akarditzas@atis.org>

Comment Deadline: August 9, 2026

NSF (NSF International)

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

Revision

BSR/NSF 245-202x (i44r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2023)

The purpose of this standard is to establish minimum materials, design and construction, and performance requirements for residential wastewater treatment systems providing for nitrogen reduction. This standard also specifies the minimum literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to owners.

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

Send comments (copy psa@ansi.org) to: Shannon McCormick <smccormick@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i223r1), 50-2026: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2025a)

This standard covers materials, chemicals, components, products, equipment, and systems related to public and residential recreational water facility operation.

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

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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 399-202x, Standard for Safety for Drinking-Water Coolers (revision of ANSI/UL 399-2024)

Digital Instructions

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

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

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, ON K1P 1J9 | bahar.sammak@ul.org, <https://ulse.org/>

Revision

BSR/UL 827-202x, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2025)

These requirements apply to: a) Central-stations providing Central-Station Fire-Alarm Service and that may monitor Remote Supervising Station System type fire-alarm systems as described in the National Fire Alarm and Signaling Code, NFPA 72; b) Central-station burglar-alarm systems intended and specifically designated for burglary protection use at mercantile and banking premises, on mercantile safes and vaults, and on bank safes and vaults; c) Central-stations that monitor burglar-alarm systems that are not central-station burglar-alarm-type as defined by this Standards; d) Residential monitoring stations monitoring residential alarm systems; e) Redundant sites; f) Remote signal management centers; and g) Hosted central-station service providers.

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

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

Comment Deadline: August 9, 2026

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Julio.Morales@UL.org, <https://ulse.org/>

Revision

BSR/UL 924-202x, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2025)

This proposal for UL 924 covers: Electronic circuit performance functionality evaluations.

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

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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 962A-202x, Standard for Furniture Power Distribution Units (revision of ANSI/UL 962A-2025)

The following change in requirements is being proposed: (1) Clarification of Scope of Products.

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

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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2196-202x, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables (revision of ANSI/UL 2196-2025)

Withdrawal of Proposal: Fuse Requirements for Fire Test

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

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

Comment Deadline: August 24, 2026

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | LBulookbashi@aami.org, www.aami.org

National Adoption

BSR/AAMI/IEC 80601-2-77-202x/A1, Amendment 1 - Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (identical national adoption of IEC 80601-2-77:2019/AMD1:2023)

This standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of ROBOTICALLY ASSISTED SURGICAL EQUIPMENT (RASE) and ROBOTICALLY ASSISTED SURGICAL SYSTEMS (RASS), referred to as ME EQUIPMENT and ME SYSTEMS together with their INTERACTION CONDITIONS and INTERFACE CONDITIONS.

Single copy price: Free

Obtain an electronic copy from: lbulookbashi@aami.org

Send comments (copy psa@ansi.org) to: Ladan Bulookbashi <lbulookbashi@aami.org>

Comment Deadline: August 24, 2026

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | LBulookbashi@aami.org, www.aami.org

National Adoption

BSR/AAMI/IEC 80601-2-78-202x/A1, Amendment 1 - Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (identical national adoption of IEC 80601-2-78:2019/AMD1:2024)

This standard applies to the general requirements for BASIC SAFETY and ESSENTIAL PERFORMANCE of MEDICAL ROBOTS that physically interact with a PATIENT with an IMPAIRMENT to support or perform REHABILITATION, ASSESSMENT, COMPENSATION or ALLEVIATION related to the PATIENT'S MOVEMENT FUNCTIONS, as intended by the MANUFACTURER.

This standard does not apply to

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

Single copy price: Free

Obtain an electronic copy from: lbulookbashi@aami.org

Send comments (copy psa@ansi.org) to: Ladan Bulookbashi <lbulookbashi@aami.org>

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 8.12-1987 (R202x), Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors (reaffirmation of ANSI/ANS 8.12-1987 (R2021))

This standard provides guidance for operations with plutonium-uranium oxide fuel mixtures outside nuclear reactors. The principal objective of this standard is to provide subcritical configuration data for MOX fuel for various isotopic compositions and powder/pellet densities.

Single copy price: \$121.00

Obtain an electronic copy from: orders@ans.org

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

ASA (ASC S12) (Acoustical Society of America)

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

Revision

BSR S12.60 Part 1-202x, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools - Part 1: Permanent Schools (revision of ANSI/ASA S12.60/Part 1-2010 (R2024))

This standard is intended to provide a minimum set of requirements, based on the best scientific evidence available at the time of publication, that can be adopted by reference to this standard and enforced by an authority having jurisdiction. This standard, in conjunction with the information provided in the annexes, is intended to help school planners and designers provide good acoustical characteristics for classrooms and other learning spaces in which speech communication is an important part of the learning process.

Single copy price: \$169.00

Obtain an electronic copy from: standards@acousticalsociety.org

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

Comment Deadline: August 24, 2026

ASABE (American Society of Agricultural and Biological Engineers)

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

New Standard

BSR/ASABE S673-202x, Safety for Boom Mounted Mowers (new standard)

Grass and/or brush cutting machinery w/ rotary, flail, or sickle bar cutting head mounted to a boom. For machines that combine the power unit and grass/brush cutter, the standard applies only to the grass/brush cutter attachment itself.

Single copy price: Free

Obtain an electronic copy from: ingeson@asabe.org

Send comments (copy psa@ansi.org) to: Sydney Ingeson <ingeson@asabe.org>

ASIS (ASIS International)

1625 Prince Street, Alexandria, VA 22314 | standards@asisonline.org, www.asisonline.org

Revision

BSR/ASIS ORMS-202x, Organizational Resilience Management System (revision and redesignation of ANSI/ASIS ORM.1-2017)

This Standard specifies requirements for an integrated organizational resilience management system (ORMS) that enables an organization to identify, assess, and manage risks related to the achievement of its strategic, operational, tactical, and reputational objectives. It provides generic requirements as a framework that is applicable to all types of organizations (or parts thereof) regardless of size and nature of operation. The framework provides a system for organizations to develop their own specific performance criteria, enabling the organization to tailor and implement an ORMS appropriate to its needs and those of its stakeholders. Active engagement of the workforce is essential to foster a comprehensive and effective resilience culture.

Single copy price: \$25.00

Obtain an electronic copy from: <https://www.asisonline.org/security-news/standards-guidelines/>

Send comments (copy psa@ansi.org) to: Aivelis Opicka <standards@asisonline.org>

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK63070-202x, Specification for Polyethylene (PE) Saddle Fittings for Vacuum-Assisted Heat Fusion Joining to non-pressure Polyethylene (PE) Plastic Pipe (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)

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New Standard

BSR/ASTM WK73482-202x, Practice for Reporting Results and Opinions of Ignitable Liquids Analysis (new standard)

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

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Comment Deadline: August 24, 2026

ASTM (ASTM International)

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New Standard

BSR/ASTM WK73484-202x, Practice for Reporting Results and Opinions of Explosives Analysis (new standard)

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

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK77530-202x, Practice for Forensic Integrity Training (new standard)

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

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK94068-202x, Specification for Eye Protectors for Baseball and Softball (new standard)

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

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ASTM (ASTM International)

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

New Standard

BSR/ASTM WK94295-202x, Specification for Eye Protectors for Large Ball Sports, (that is, Basketball, Soccer and Flag Football) (new standard)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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ASTM (ASTM International)

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

New Standard

BSR/ASTM WK96359-202x, Guide for Polarized Light Microscopy in the Forensic Examination and Comparison of Soils (new standard)

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

Single copy price: Free

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Comment Deadline: August 24, 2026

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM D3212-2021 (R202x), Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals (reaffirmation of ANSI/ASTM D3212-2021)

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

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM E3016-2018 (R202x), Guide for Establishing Confidence in Digital and Multimedia Evidence Forensic Results by Error Mitigation Analysis (reaffirmation of ANSI/ASTM E3016-2018)

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

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F1749-2015 (R202x), Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels (reaffirmation of ANSI/ASTM F1749-2015 (R2020))

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

Single copy price: Free

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2135-2001 (R202x), Specification for Molded Drain, Waste, and Vent (DWV) Short-Pattern Plastic Fittings (reaffirmation of ANSI/ASTM F2135-2001 (R2022))

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

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Comment Deadline: August 24, 2026

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2275-2021 (R202x), Practice for Treestand Manufacturer Quality Assurance Program (reaffirmation of ANSI/ASTM F2275-2021)

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

Single copy price: Free

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2571-2015 (R202x), Test Methods for Evaluating Design and Performance Characteristics of Fitness Equipment (reaffirmation of ANSI/ASTM F2571-2015 (R2020))

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

Single copy price: Free

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2810-2015 (R202x), Specification for Elliptical Trainers (reaffirmation of ANSI/ASTM F2810-2015 (R2020))

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

Single copy price: Free

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F2811-2015 (R202x), Test Methods for Evaluating Design and Performance Characteristics of Elliptical Trainers (reaffirmation of ANSI/ASTM F2811-2015 (R2020))

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

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Comment Deadline: August 24, 2026

ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F3105-2020 (R202x), Specification for Externally Loaded Strength Training Equipment, Strength Training Benches and External Weight Storage Equipment (reaffirmation of ANSI/ASTM F3105-2020)

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

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F3412-2020 (R202x), Terminology Relating to Treestands (reaffirmation of ANSI/ASTM F3412-2020)

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

Single copy price: Free

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F3496-2021 (R202x), Specification for Polyaromatic Hydrocarbon (PAH) Content in Synthetic Turf Infill (reaffirmation of ANSI/ASTM F3496-2021)

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

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ASTM (ASTM International)

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

Reaffirmation

BSR/ASTM F3544-2021 (R202x), Test Method for Hunting Saddle Static Load Capacity (reaffirmation of ANSI/ASTM F3544-2021)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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

Comment Deadline: August 24, 2026

ASTM (ASTM International)

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

Revision

BSR/ASTM D1785-202x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (revision of ANSI/ASTM D1785-2021A)

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

Single copy price: Free

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ASTM (ASTM International)

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

Revision

BSR/ASTM D2672-202x, Specification for Joints for IPS PVC Pipe Using Solvent Cement (revision of ANSI/ASTM D2672-2020)

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

Single copy price: Free

Obtain an electronic copy from: accreditation@astm.org

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ASTM (ASTM International)

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Revision

BSR/ASTM D3311-202x, Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns (revision of ANSI/ASTM D3311-2022)

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

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Revision

BSR/ASTM E620-202x, Practice for Reporting Opinions of Scientific or Technical Experts (revision of ANSI/ASTM E620-2018)

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Revision

BSR/ASTM E1618-202x, Test Method for Identification of Ignitable Liquids in Fire Debris Analysis by Gas Chromatography-Mass Spectrometry (revision of ANSI/ASTM E1618-2025)

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Revision

BSR/ASTM E3309-202x, Guide for Reporting of Forensic Primer Gunshot Residue (pGSR) Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS) (revision of ANSI/ASTM E3309-2021)

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Revision

BSR/ASTM E3407-202x, Classification for Ignitable Liquids Encountered in Fire Debris Analysis (revision of ANSI/ASTM E3407-2025)

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Revision

BSR/ASTM F877-202x, Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM F877-2025)

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Revision

BSR/ASTM F913-202x, Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (revision of ANSI/ASTM F913-2002 (R2021))

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Revision

BSR/ASTM F917-202x, Specification for Commercial Food Waste Disposers (revision of ANSI/ASTM F917-2019)

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Revision

BSR/ASTM F1488-202x, Specification for Coextruded Composite Pipe (revision of ANSI/ASTM F1488-2026)

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Revision

BSR/ASTM F1545-202x, Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges (revision of ANSI/ASTM F1545-2015 (R2021))

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Revision

BSR/ASTM F1696-202x, Test Method for Energy Performance of Stationary-Rack, Door-Type Commercial Dishwashing Machines (revision of ANSI/ASTM F1696-2020)

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

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Revision

BSR/ASTM F1807-202x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2026)

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Revision

BSR/ASTM F1920-202x, Test Method for Performance of Rack Conveyor Commercial Dishwashing Machines (revision of ANSI/ASTM F1920-2020)

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Revision

BSR/ASTM F1960-202x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960-2024)

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

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Revision

BSR/ASTM F2021-202x, Guide for Design and Installation of Plastic Siphonic Roof Drainage Systems (revision of ANSI/ASTM F2021-2017 (R2022))

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

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Revision

BSR/ASTM F2389-202x, Specification for Pressure-rated Polypropylene (PP) Piping Systems (revision of ANSI/ASTM F2389-2024A)

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Revision

BSR/ASTM F2390-202x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent (DWV) Pipe and Fittings Having Post-Industrial Recycle Content (revision of ANSI/ASTM F2390-2021)

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Revision

BSR/ASTM F2643-202x, Specification for Powered Pot, Pan and Utensil Washing Sinks (revision of ANSI/ASTM F2643-2020)

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Revision

BSR/ASTM F2720-202x, Specification for Glass Fiber Reinforced Polyethylene (PE-GF) Spiral Wound Large Diameter Pipe (revision of ANSI/ASTM F2720-2020)

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Revision

BSR/ASTM F2788-202x, Specification for Metric and Inch-sized Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2788/F2788M-2025)

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

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Revision

BSR/ASTM F2880-202x, Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe Sizes 34 in. to 65 in. (revision of ANSI/ASTM F2880-2021)

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

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Revision

BSR/ASTM F3034-202x, Specification for Billets made by Winding Molten Extruded Stress-Rated High Density Polyethylene (HDPE) (revision of ANSI/ASTM F3034-2021)

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Revision

BSR/ASTM F3190-202x, Practice for Heat Fusion Equipment (HFE) Operator Qualification on Polyethylene (PE) and Polyamide (PA) Pipe and Fittings (revision of ANSI/ASTM F3190-2021)

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

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Revision

BSR/ASTM F3346-202x, Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PE-RT/AL/PE-RT) Composite Pressure Pipe (revision of ANSI/ASTM F3346-2024)

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Revision

BSR/ASTM F3347-202x, Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3347-2023)

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Revision

BSR/ASTM F3348-202x, Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3348-2023A)

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Revision

BSR/ASTM F3687-202x, Specification for Pressure-Rated Polyvinylidene Fluoride (PVDF) Piping Systems (revision of ANSI/ASTM F3687-2024)

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Revision

BSR/ASTM F3753-202x, Classification for Suffixes to the PE Thermoplastic Pipe Material Designation (TPMD)

Code for Polyethylene Pressure (revision of ANSI/ASTM F3753-2025)

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CRSI (Concrete Reinforcing Steel Institute)

933 N Plum Grove Road, Schaumburg, IL 60173 | dfanella@crsi.org, www.crsi.org

Revision

BSR/CRSI CG2.1-202x, CRSI Standard for Epoxy-Coated Steel Reinforcing Bar Fabrication Facilities (revision of ANSI/CRSI CG2.1-2021)

This standard specifies procedures used to monitor fabrication processes and assess quality during the handling, storage, fabrication (including bending and shearing), identification, and repair of epoxy-coated steel reinforcing bars, including textured epoxy-coated steel reinforcing bars. This standard also describes minimum requirements for inspection, acceptance, documentation, and corrective actions as part of a fabrication facility quality control program, including requirements to develop and maintain a Fabrication Quality Manual (FQM).

Single copy price: Free

Obtain an electronic copy from: dfanella@crsi.org

Send comments (copy psa@ansi.org) to: David Fanella <dfanella@crsi.org>

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/Z83.18-202x, Recirculation direct gas-fired heating and forced ventilation appliances for commercial and industrial applications (reaffirmation of ANSI Z83.18-2016 (R2021))

1.1 This Standard applies to newly produced, recirculating direct gas-fired heating and forced ventilation appliances, hereinafter referred to as heaters, whose purpose is to offset building heat loss and provide outside air ventilation to address the ventilation requirements of the building. Ventilation air to the heater is ducted directly from outdoors and the products of combustion generated by the heater are released into the air stream being heated. Heaters covered by this Standard are intended for use in industrial and commercial applications. This Standard applies to heaters designed for a heated discharge air temperature of 160 °F (71 °C) or less. This Standard is intended to cover only complete packaged heaters with integral air moving components, i.e., those which are designed by, cataloged by, and built on a repetitive basis by the manufacturer.

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CSA (CSA America Standards Inc.)

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Reaffirmation

BSR Z83.25 (R202x), Direct gas-fired process air heaters, same as CSA 3.19 (reaffirmation of ANSI Z83.25 (CSA3.19)-2016 (R2021))

This Standard applies to newly produced, direct gas-fired process air heaters of the recirculating or non-recirculating type, hereinafter referred to as heaters, whose primary purpose is to provide process heating to non-occupied spaces within commercial and industrial buildings and may also include operation as a non-recirculating ventilation air heater, if the heater is operated during periods when the space is occupied. Heaters covered under this Standard are limited to a maximum discharge temperature of 250 °F (121 °C). Heaters covered by this Standard are not intended for use in any area containing sleeping quarters. The installation conforms with local codes, or in the absence of local codes, in accordance with the National Fuel Gas Code, ANSI Z223.1, or the Natural Gas and Propane Installation Codes, CAN/CSA B149.1. This Standard is intended to cover only complete packaged heaters with integral air moving components, i.e., those which are designed by, cataloged by, and built on a repetitive basis by the manufacturer.

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Reaffirmation

BSR/EIA 364-75B-2020 (R202x), Lightning Strike Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-75B-2020)

This standard establishes a test method to determine the capability of a connector pair to conduct the electrical current induced by a lightning strike. The results derived may be used to determine whether the contacts within the inserts will be adequately protected from flashover and whether the connector shells will adequately conduct lightning currents.

Single copy price: \$85.00

Obtain an electronic copy from: store accuristech.com

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Revision

BSR/EIA 364-04C-202x, Normal Force Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-04B-2015 (R2020))

This procedure establishes two methods to determine the magnitude of normal force, at the point of the electrical connection, generated by a contact system at a given deflection within its normal operating levels. This data and its relationship to contact pressure allow the electrical integrity and stability of the contact interface to be evaluated in proper perspective when integrated with other monitored attributes.

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Revision

BSR/EIA 364-08D-202x, Crimp Tensile Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-08C-2015 (R2020))

This standard establishes a test method to determine the tensile strength of a crimped contact to conductor joint. The values obtained give an indication of the relative strength of the joints. Unless otherwise specified in the referencing document, this is a destructive test.

Single copy price: \$78.00

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Revision

BSR/EIA 364-71D-202x, Solder Wicking (Wave Solder Technique) Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-71C-2008 (R2020))

This standard applies to connectors and sockets that are mounted to printed wiring boards (PWB) employing through mount technology.

Single copy price: \$79.00

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Revision

BSR/EIA 364-80B-202x, Low Frequency Shielding Effectiveness Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-80A-2020)

This test procedure describes two methods to measure the shielding transfer impedance of mated cable connectors in the frequency range 10kHz to 100MHz, (method A), and a connector located between a bulkhead panel and a shielded cable from 30 MHz to 500 MHz, (method B).

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Revision

BSR/EIA 364-84A-202x, Residual Magnetism Test Procedure for Electrical Connectors Used in Space Applications (revision and redesignation of ANSI/EIA 364-84-2015 (R2020))

This standard establishes a test procedure to determine the residual magnetism of a connector during controlled laboratory tests designed to simulate conditions likely to be encountered in unusual atmospheres, high-altitude and space flight environments.

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EOS/ESD (ESD Association, Inc.)

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

Revision

BSR/EOS ESD DSTM7.1-202x, ESD Association Draft Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Flooring Systems - Resistive Characterization (revision of ANSI/ESD STM7.1-2020)
This standard test method covers flooring systems with total resistance less than 1.0×10^9 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. NOTE: Measurements may be limited in accuracy below 1.0×10^3 ohms or above 1.0×10^9 ohms. The lowest measurement value will be limited to the value obtained in Annex A.2. The highest measurement value will be limited to the value obtained in Annex A.3.

Single copy price: \$165 non-member/\$135 member

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IIAR (International Institute of All-Natural Refrigeration)

1001 N. Fairfax Street, Suite 503, Alexandria, VA 22314 | matt_chojnacki@iiar.org, www.iiar.org

Revision

BSR/IIAR 2-202x, Standard for Design of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 2-2021)

This standard provides the minimum requirements for the design of closed-circuit ammonia refrigeration systems.

Single copy price: Free until public review process ends

Obtain an electronic copy from: matt_chojnacki@iiar.org

Send comments (copy psa@ansi.org) to: Matt Chojnacki <matt_chojnacki@iiar.org>

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Revision

BSR/IIAR 4-202x, Installation of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 4-2020)

This standard specifies minimum requirements for the installation of safe closed-circuit ammonia refrigeration systems and pressure relief device piping systems for overpressure protection when used in conjunction with a closed-circuit ammonia refrigeration system.

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1001 N. Fairfax Street, Suite 503, Alexandria, VA 22314 | matt_chojnacki@iiar.org, www.iiar.org

Revision

BSR/IIAR 8-202x, Decommissioning of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 8-2020)

This standard specifies the minimum requirements for the safe decommissioning of closed-circuit ammonia refrigeration systems. It applies to decommissioning of a complete closed-circuit vapor compression and/or absorption refrigeration system utilizing anhydrous ammonia or ammonia-water mixtures as the refrigerant. Decommissioning is the deactivation of the entire closed-circuit refrigeration system, without a planned reuse or start date, the disabling of pressure-imposing equipment, and the complete removal of the refrigerant.

Single copy price: Free until the public review process ends

Obtain an electronic copy from: matt_chojnacki@iiar.org

Send comments (copy psa@ansi.org) to: Matt Chojnacki <matt_chojnacki@iiar.org>

PGMA (Portable Generator Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH | hdarrah@thomasamc.com, www.pgmaonline.com

Revision

BSR/PGMA G300-202x, Safety and Performance of Portable Generators (revision of ANSI/PGMA G300-2023)

This standard applies to 15 kW or smaller; single phase; 300 V or lower; 60 hertz; gasoline, liquefied petroleum gas (LPG), natural gas (NG) and diesel portable generators intended for multiple use and intended to be moved, though not necessarily with wheels. They are provided with receptacle outlets for alternating current (AC) output circuits. This standard does not apply to permanent stationary generators, 50 hertz generators, marine generators, trailer mounted generators, generators permanently mounted in motor homes and recreational vehicles, generators intended to be pulled by vehicles, and welding power sources.

Single copy price: Free

Obtain an electronic copy from: hdarrah@thomasamc.com

Send comments (copy psa@ansi.org) to: Heather Darrah <hdarrah@thomasamc.com>

TVC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | ascz80@thevisioncouncil.org, www.z80asc.com

Reaffirmation

BSR Z80.18-2016 (R202x), Ophthalmics - Contact Lens Care Products - Vocabulary, Performance Specifications, and Test Methodology (reaffirmation of ANSI Z80.18-2016 (R2021))

This standard applies to contact lens care products (CLCP) which are marketed for use with hard (PMMA), rigid gas permeable (RGP), enhanced oxygen permeable materials, and soft hydrophilic contact lenses. These products are intended for use in the care of contact lenses: e.g., rinsing, storing, disinfection, conditioning, neutralization, cleaning, hydration, and/or for alleviating discomfort of lens wear and improving lens tolerance by physical means.

Single copy price: \$96.00

Obtain an electronic copy from: <https://www.z80asc.com/> or email: ascz80@thevisioncouncil.org

Send comments (copy psa@ansi.org) to: <https://www.z80asc.com/> or email: ascz80@thevisioncouncil.org

Comment Deadline: August 24, 2026

TVC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | ascz80@thevisioncouncil.org, www.z80asc.com

Reaffirmation

BSR Z80.20-2016 (R202x), Ophthalmics - Contact Lenses - Standard Terminology, Tolerances, Measurements and Physicochemical Properties (reaffirmation of ANSI Z80.20-2016 (R2021))

This standard applies to contact lenses worn over the front surface of the eye in contact with the precocular tear film. The standard covers rigid intracorneal and haptic (scleral) contact lenses, as well as soft paralimbal contact lenses. Table 1 provides a high-level list of materials used for both rigid and soft contact lenses.

Single copy price: \$131.00

Obtain an electronic copy from: <https://www.z80asc.com/> or email: ascz80@thevisioncouncil.org

Send comments (copy psa@ansi.org) to: <https://www.z80asc.com/> or email: ascz80@thevisioncouncil.org

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, Canada, ON K1P1J9 | Emily.Stephens@UL.org, <https://ulse.org/>

Reaffirmation

BSR/UL 452-2021 (R202x), Standard for Safety for Antenna - Discharge Units (reaffirmation of ANSI/UL 452-2021)

Reaffirmation and continuance of the Seventh Edition of the Standard for Safety for Antenna – Discharge Units, UL 452, as an standard.

Single copy price: Free

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

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

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, Canada, ON K1P1J9 | Emily.Stephens@UL.org, <https://ulse.org/>

Reaffirmation

BSR/UL 2166-2021 (R202x), Standard for Safety for Halocarbon Clean Agent Extinguishing System Units (reaffirmation of ANSI/UL 2166-2021)

Reaffirmation and continuance of the 3rd Edition of the Standard for Safety for Halocarbon Clean Agent Extinguishing System Units, UL 2166, as an standard.

Single copy price: Free

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

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

Comment Deadline: August 24, 2026

ULSE (UL Standards and Engagement)

12 Laboratory Drive , Research Triangle Park, NC 27709 | Adam.Payrot@ul.org, <https://ulse.org/>

Revision

BSR/UL 891-202x, Standard for Switchboards (revision of ANSI/UL 891-2025)

A proposed revision to UL 891, Standard for Switchboards, which includes the following: (1) Electronic Access to Installation Instructions, (2) Remove Marking for “Restricted Access Switchboards”, (3) Panelboard Mounting (Face-Down Position), (4) Addition of Performance Level Categories (PLCs) to Tables for Insulating Materials, (5) Corrections to Spanish translation in standard, and (6) Removal of duplicate paragraph 8.7.1.6.

Single copy price: Free

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

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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1598-202x, Standard of Safety for Luminaires (revision of ANSI/UL 1598-2024)

Proposed revisions to edition 5 of UL 1598 which includes the following: 1. Alignment with NECS; Fire-resistance-rated luminaires; Abnormal Temperature Test – Non-IC Luminaires and LED Drivers with Integral Thermal Protection; Add alternative means of identifying the grounded conductor; Attachment Fittings for Luminaire Support Receptacles; From CSA Group: Wire temperatures; Minimum Thickness of Junction Boxes & Recessed Housings; Wiring Component Securement; Polymeric impact conditioning for indoor wet location luminaires; Revisions and updates to Annex G; From CSA Group: Various updates; From CSA Group: Reference updates; and Removal of germicidal luminaires from scope.

Single copy price: Free

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

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

ULSE (UL Standards and Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709 | ashley.seward@ul.org, <https://ulse.org/>

Revision

BSR/UL 8750-202x, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision and redesignation of ANSI/UL 8750-2024)

This proposal for UL 8750 covers: 1) Proposed Third Edition of the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products to include related product safety requirements in Canada and the U.S. These requirements cover LED equipment that is an integral part of LED luminaires or lighting systems. These requirements cover LED drivers, controllers, arrays (modules), and packages as defined within this standard. These requirements also cover power sources that are integrated into LED luminaires or lighting systems for functions other than a LED driver (e.g., DALI bus power supply).

Single copy price: Free

Obtain an electronic copy from: <https://www.shopulstandards.com/>

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

Comment Deadline: August 24, 2026

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

New Standard

BSR/VITA 46.32-202x, VPX Connector Supporting Data Rates to 53 Gb/s (new standard)

VITA 46.32 defines a standard for a VPX connector that supports data rates to 53 Gb/s, higher than VITA 46.30 and VITA 46.31, for protocols such as 200GBASE-KR4 Ethernet and PCIe Gen 5. VITA 46.32 connectors are intermateable with legacy VITA 46.X backplane connectors and follow the same form factor.

Single copy price: \$100.00

Obtain an electronic copy from: admin@vita.com

Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: September 8, 2026

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME PTC 6-202x, Steam Turbines (new standard)

This Code provides procedures for the accurate testing of steam turbines. It is recommended for use in conducting acceptance tests of steam turbines and any other situation in which performance levels must be determined with minimum uncertainty.

Single copy price: \$255.00

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

Send comments (copy psa@ansi.org) to: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

ULSE (UL Standards and Engagement)

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

New Standard

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

The First Edition of the Standard for Multioutlet Assemblies is being proposed as a standard.

Single copy price: Free

Order from: <https://csds.ul.org/ProposalAvailable>

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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 844-202x, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (revision of ANSI/UL 844-2021)

This revision of ANSI/UL 844 includes a proposed new edition of the Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations.

Single copy price: Free

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

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

Final Actions on American National Standards

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

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

180 Technology Parkway, Peachtree Corners, GA 20092 | ksosa@ashrae.org, www.ashrae.org

ANSI/ASHRAE Addendum 62.1a-2025, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Addendum 62.1a-2025) Final Action Date: 6/30/2026 | *Addenda*

ANSI/ASHRAE Addendum 62.2c-2025, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2025) Final Action Date: 6/30/2026 | *Addenda*

ANSI/ASHRAE Addendum l to ANSI/ASHRAE Standard 34-2024, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2024) Final Action Date: 6/30/2026 | *Addenda*

ANSI/ASHRAE Addendum m to ANSI/ASHRAE Standard 34-2024, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2024) Final Action Date: 6/30/2026 | *Addenda*

ANSI/ASHRAE Addendum n to ANSI/ASHRAE Standard 34-2024, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2024) Final Action Date: 6/30/2026 | *Addenda*

ASHRAE Addendum c to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 6/30/2026 | *Addenda*

ASHRAE Addendum i to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 6/30/2026 | *Addenda*

ASHRAE Addendum m to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2024) Final Action Date: 6/30/2026 | *Addenda*

ASHRAE Addendum s to ANSI/ASHRAE Standard 15-2024, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2024) Final Action Date: 6/30/2026 | *Addenda*

ANSI/ASHRAE Standard 86-2026, Methods of Testing the Flocc Point of Refrigeration Grade Oils (revision of ANSI/ASHRAE Standard 86-2013 (R2016)) Final Action Date: 6/30/2026 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM E3462-2025, Guide for Interpretation and Reporting in Forensic Comparisons of Trace Materials (new standard) Final Action Date: 5/1/2025 | *New Standard*

ANSI/ASTM E1040-2018 (R2026), Specification for Physical Characteristics of Nonconcentrator Terrestrial Photovoltaic Reference Cells (reaffirmation of ANSI/ASTM E1040-2018 (R2020)) Final Action Date: 6/23/2026 | *Reaffirmation*

ANSI/ASTM E1125-2018 (R2026), Test Method for Calibration of Primary Non-Concentrator Terrestrial Photovoltaic Reference Cells Using a Tabular Spectrum (reaffirmation of ANSI/ASTM E1125-2018 (R2020)) Final Action Date: 6/23/2026 | *Reaffirmation*

ANSI/ASTM E3006-2020 (R2026), Practice for Ultraviolet Conditioning of Photovoltaic Modules or Mini-Modules Using a Fluorescent Ultraviolet (UV) Lamp Apparatus (reaffirmation of ANSI/ASTM E3006-2020) Final Action Date: 6/23/2026 | *Reaffirmation*

ASTM (ASTM International)

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

ANSI/ASTM E3325-2021 (R2026), Practice for Sampling of Solar Photovoltaic Modules for Toxicity Testing (reaffirmation of ANSI/ASTM E3325-2021) Final Action Date: 6/23/2026 | *Reaffirmation*

ANSI/ASTM E800-2026, Guide for Measurement of Gases Present or Generated During Fires (revision of ANSI/ASTM E800-2020) Final Action Date: 6/23/2026 | *Revision*

ANSI/ASTM E814-2026, Test Method for Fire Tests of Penetration Firestop Systems (revision of ANSI/ASTM E814-2024) Final Action Date: 6/23/2026 | *Revision*

ANSI/ASTM E1317-2026a, Test Method for Flammability of Surface Finishes (revision of ANSI/ASTM E1317-2019) Final Action Date: 6/23/2026 | *Revision*

ANSI/ASTM E2032-2026, Practice for Extension of Data From Fire Resistance Tests Conducted in Accordance with ASTM E119 (revision of ANSI/ASTM E2032-2021) Final Action Date: 6/23/2026 | *Revision*

NSF (NSF International)

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

ANSI/NSF 8-2026 (i24r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2023) Final Action Date: 6/24/2026 | *Revision*

ANSI/NSF/CAN 600-2026 (i14r1), 600-20XX: Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2024) Final Action Date: 6/29/2026 | *Revision*

ANSI/NSF/CAN 600-2026 (i15r1), 600-20XX: Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2024) Final Action Date: 6/30/2026 | *Revision*

ANSI/NSF/CAN 600-2026 (i16r1), 600-20XX: Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2024) Final Action Date: 7/1/2026 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 1441A-2026, Standard for Sleeving Cable Management (new standard) Final Action Date: 6/30/2026 | *New Standard*

ANSI/UL 248-18-2022 (R2026), Standard for Safety for Low-Voltage Fuses - Part 18: Class CD Fuses (reaffirmation of ANSI/UL 248-18-2022) Final Action Date: 6/29/2026 | *Reaffirmation*

ANSI/UL 94-2026a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2026) Final Action Date: 7/2/2026 | *Revision*

ANSI/UL 858-2026, Standard for Household Electric Ranges (revision of ANSI/UL 858-2025) Final Action Date: 7/2/2026 | *Revision*

ANSI/UL 867-2026, Standard for Electrostatic Air Cleaners (revision of ANSI/UL 867-2024) Final Action Date: 6/29/2026 | *Revision*

ANSI/UL 1647-2026, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2025) Final Action Date: 7/1/2026 | *Revision*

ANSI/UL 2056-2026, Standard for Power Banks (revision of ANSI/UL 2056-2025) Final Action Date: 6/30/2026 | *Revision*

ULSE (UL Standards and Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON K1P 1J9 | Hannah.Kirkland@UL.org, <https://ulse.org/>

ANSI/UL 2900-1-2026, Standard For Safety Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements (revision of ANSI/UL 2900-1-2023) Final Action Date: 6/29/2026 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

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

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

ANSI Accredited Standards Developer

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

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

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

Membership in the INCITS Executive Board is open to all directly and materially interested parties in accordance with INCITS membership rules. To learn more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/executive-board> for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

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

AAMI RB, Robotics Committee

AAMI RB, Robotics Committee is seeking additional members from regulatory, user and general interest categories to participate in the identical adoption projects for IEC 80601-2-77:2019/AMD1:2023, *Amendment 1 - Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment*, and IEC 80601-2-78:2019/AMD1:2024, *Amendment 1 - Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation*, and development of U.S. position and comments on IEC 80601-2-77 ED2 and IEC 80601-2-78 ED2. AAMI's stakeholder category definitions are outlined in Section [4.5.1.2](#) of the *AAMI Standards Program Policies and Procedures*, available [here](#).

You may submit your request to join this committee [here](#).

Please direct inquiries to: Ladan Bulookbashi lbulookbashi@aami.org.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | LBulookbashi@aami.org, www.aami.org

BSR/AAMI/IEC 80601-2-77-202x/A1, Amendment 1 - Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (identical national adoption of IEC 80601-2-77:2019/AMD1:2023)

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | LBulookbashi@aami.org, www.aami.org

BSR/AAMI/IEC 80601-2-78-202x/A1, Amendment 1 - Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (identical national adoption of IEC 80601-2-78:2019/AMD1:2024)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S673-202x, Safety for Boom Mounted Mowers (new standard)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PTC 6-202x, Steam Turbines (new standard)

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 1000013.v2.a-202x, ATIS Supplement A to ATIS-1000013.v2.2015, Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services, Version 2 (supplement to ANSI/ATIS 1000013.v2-2015 (R2020))

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR/ATIS 10000678.v4.b-202x, ATIS Supplement B to ATIS-1000678.v4.2020, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communications Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4 (supplement to ANSI/ATIS 1000678.v4-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-04C-202x, Normal Force Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-04B-2015 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-08D-202x, Crimp Tensile Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-08C-2015 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-71D-202x, Solder Wicking (Wave Solder Technique) Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-71C-2008 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-80B-202x, Low Frequency Shielding Effectiveness Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-80A-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-84A-202x, Residual Magnetism Test Procedure for Electrical Connectors Used in Space Applications (revision and redesignation of ANSI/EIA 364-84-2015 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-75B-2020 (R202x), Lightning Strike Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-75B-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 469-G-202x, Test Method for Destructive Physical Analysis (DPA) of Ceramic Monolithic Capacitors (revision and redesignation of ANSI/EIA 469-F-2025)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESDA/JEDEC JS-001-202x, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) - Device Level (revision of ANSI/EOS ESDA/JEDEC JS-001-2024)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD DSTM7.1-202x, ESD Association Draft Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Flooring Systems - Resistive Characterization (revision of ANSI/ESD STM7.1-2020)

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD SP5.1.3-202x, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) Testing - Device Level - A Method for Randomly Selecting Pin Pairs (revision of ANSI/ESD SP5.1.3-2017 (R2022))

EOS/ESD (ESD Association, Inc.)

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

BSR/EOS ESD STM9.1-202x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Footwear and Foot Grounders - Resistive Characterization (revision of ANSI/EOS ESD STM9.1-2022)

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

INCITS/ISO 19135:2026 [202x], Geographic information - Registration and register governance (identical national adoption of ISO 19135:2026 and revision of INCITS/ISO 19135-1:2015 [R2023], INCITS/ISO 19135-1:2015/AM1:2021 [2022])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

INCITS/ISO/IEC 14496-12:2026 [202x], Information technology - Coding of audio-visual objects Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2026 and revision of INCITS/ISO/IEC 14496-12:2022 [2022])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

INCITS/ISO/IEC 15408-1:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 1: Introduction and general model (identical national adoption of ISO/IEC 15408-1:2026 and revision of INCITS/ISO/IEC 15408-1:2022 [2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

INCITS/ISO/IEC 15408-2:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 2: Security functional components (identical national adoption of ISO/IEC 15408-2:2026 and revision of INCITS/ISO/IEC 15408-2:2022 [2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

INCITS/ISO/IEC 15408-3:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 3: Security assurance components (identical national adoption of ISO/IEC 15408-3:2026 and revision of INCITS/ISO/IEC 15408-3:2022 [2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org, www.incits.org

INCITS/ISO/IEC 15408-4:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 4: Framework for the specification of evaluation methods and activities (identical national adoption of ISO/IEC 15408-4:2026 and revision of INCITS/ISO/IEC 15408-4:2022 [2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 15408-5:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT securityPart 5: Pre-defined packages of security requirements (identical national adoption of ISO/IEC 15408-5:2026 and revision of INCITS/ISO/IEC 15408-5:2022 [2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 15693-3:2026 [202x], Cards and security devices for personal identification - Contactless vicinity objects Part 3: Anticollision and transmission protocol (identical national adoption of ISO/IEC 15693-3:2026 and revision of INCITS/ISO/IEC 15693-3:2019 [R2025])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 17839-1:2025 [202x], Information technology - Biometric system-on-card Part 1: Core requirements (identical national adoption of ISO/IEC 17839-1:2025 and revision of INCITS/ISO/IEC 17839-1:2014 [R2026])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 17839-3:2026 [202x], Information technology - Biometric System-on-Card Part 3: Logical information interchange mechanism (identical national adoption of ISO/IEC 17839-3:2026 and revision of INCITS/ISO/IEC 17839-3:2016 [R2026])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 18181-2:2026 [202x], Information technology - JPEG XL image coding system Part 2: File format (identical national adoption of ISO/IEC 18181-2:2026 and revision of INCITS/ISO/IEC 18181-2:2024 [2024])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 19566-6:2026 [202x], Information technologies - JPEG systems Part 6: JPEG 360 (identical national adoption of ISO/IEC 19566-6:2026 and revision of INCITS/ISO/IEC 19566-6:2019 [R2026])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 19896-1:2025 [202x], Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel Part 1: Overview and concepts (identical national adoption of ISO/IEC 19896-1:2025 and revision of INCITS/ISO/IEC 19896-1:2018 [R2024])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 19896-2:2026 [202x], Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel Part 2: Knowledge and skills requirements for testers and validators according to ISO/IEC 19790 and ISO/IEC 24759 (identical national adoption of ISO/IEC 19896-2:2026 and revision of INCITS/ISO/IEC 19896-2:2018 [R2024])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 19896-3:2025 [202x], Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel Part 3: Knowledge and skills requirements for evaluators and reviewers according to the ISO/IEC 15408 series and ISO/IEC 18045 (identical national adoption of ISO/IEC 19896-3:2025 and revision of INCITS/ISO/IEC 19896-3:2018 [R2024])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 30134-2:2026 [202x], Information technology - Data centres key performance indicators Part 2: Power usage effectiveness (PUE) (identical national adoption of ISO/IEC 30134-2:2026 and revision of INCITS/ISO/IEC 30134-2:2016 [2022], INCITS/ISO/IEC 30134-2:2016/AM1:2018 [2022])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 17629:2025 [202x], Information technology - Office equipment - Method for measuring first print out time for digital printing devices (identical national adoption of ISO/IEC 17629:2025 and revision of INCITS/ISO/IEC 17629:2014 [R2024])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 18045:2026 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Requirements and methodology for IT security evaluation (identical national adoption of ISO/IEC 18045:2026 and revision of INCITS/ISO/IEC 18045:2022 [2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 19752:2025 [202x], Information technology - Office equipment - Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components (identical national adoption of ISO/IEC 19752:2025 and revision of INCITS/ISO/IEC 19752:2017 [R2023])

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

700 K Street NW, Suite 600, Washington, DC 20001 | comments@mail.standards.incits.org , www.incits.org

INCITS/ISO/IEC 19798:2025 [202x], Information technology - Office equipment - Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components (identical national adoption of ISO/IEC 19798:2025 and revision of INCITS/ISO/IEC 19798:2017 [R2023])

NSF (NSF International)

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

BSR/NSF 245-202x (i44r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2023)

NSF (NSF International)

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

BSR/NSF/CAN 50-202x (i223r1), 50-2026: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2025a)

ULSE (UL Standards and Engagement)

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

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

ULSE (UL Standards and Engagement)

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

BSR/UL 817A-202x, Standard for Safety for Data Center Power Whips (new standard)

ULSE (UL Standards and Engagement)

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

BSR/UL 817B-202x, Standard for Safety for Liquid Cooled Data Center Power Whips (new standard)

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, ON K1P 1J9 | bahar.sammak@ul.org, <https://ulse.org/>

BSR/UL 827-202x, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2025)

ULSE (UL Standards and Engagement)

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

BSR/UL 2137-202x, Standard for Safety for Data Center Power Cable (new standard)

ULSE (UL Standards and Engagement)

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

BSR/UL 2196-202x, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables (revision of ANSI/UL 2196-2025)

ULSE (UL Standards and Engagement)

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

BSR/UL 6262-202x, Standard for Safety for Fluid Cooled, Data Center Power Cable for use in High Power DC Systems (new standard)

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 | jing.kwok@vita.com, www.vita.com

BSR/VITA 46.32-202x, VPX Connector Supporting Data Rates to 53 Gb/s (new standard)

WMA (World Millwork Alliance)

10047 Robert Trent Jones Parkway, New Port Richey, FL 34655 | jferris@worldmillworkalliance.com, <http://worldmillworkalliance.com>

BSR/WMA 100-202x, Standard Method for Determining Structural Performance Ratings of Side-Hinged Exterior Door Systems and Procedures for Component Substitution (revision of ANSI/WMA 100-2023)

Call for Comment of ANS Limited Substantive Changes

ANSI Accredited Standards Developers

ESTA - Entertainment Services and Technology Association

ANSI E1.51-2024 - 30-Day Comment Deadline By August 10, 2026

This Call for Comment of Limited Substantive Changes to the Approved American National Standard, necessary for compliance with ANSI's Commercial Terms and Conditions Policy, is available for review & comment until **August 10, 2026**.

ANSI E1.51-2024

The Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance and Event Industries in Canada

(revision of ANSI E1.51-2018)

This standard gives guidance on how to safely use single-conductor portable power feeder cable, a power distribution technique about which the Canadian Electrical Code is largely silent.

Download the public review response form at https://tsp.esta.org/tsp/documents/public_review_docs.php.

Return public review comments before the deadline, to standards@esta.org.

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

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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 link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

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

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

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

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)
 AARST (American Association of Radon Scientists and Technologists)
 AGA (American Gas Association)
 AGSC (Auto Glass Safety Council)
 ASC X9 (Accredited Standards Committee X9, Incorporated)
 ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
 ASME (American Society of Mechanical Engineers)
 ASTM (ASTM International)
 GBI (Green Building Initiative)
 HL7 (Health Level Seven)
 Home Innovation (Home Innovation Research Labs)
 IAPMO (International Association of Plumbing & Mechanical Officials)
 ICC (International Code Council)
 IES (Illuminating Engineering Society)
 ITI (InterNational Committee for Information Technology Standards)
 MHI (Material Handling Industry)
 NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
 NCPDP (National Council for Prescription Drug Programs)
 NFRC (National Fenestration Rating Council)
 NISO (National Information Standards Organization)
 NSF (NSF International)
 PHTA (Pool and Hot Tub Alliance)
 RESNET (Residential Energy Services Network, Inc.)
 SAE (SAE International)
 TCNA (Tile Council of North America)
 TIA (Telecommunications Industry Association)
 TMA (The Monitoring Association)
 ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAMI

Association for the Advancement of
Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
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LBulookbashi@aami.org

ANS

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

Kathryn Murdoch
kmurdoch@ans.org

ASA (ASC S12)

Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
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ASABE

American Society of Agricultural and
Biological Engineers
2950 Niles Road
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<https://www.asabe.org/>

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ASHRAE

American Society of Heating, Refrigerating
and Air-Conditioning Engineers, Inc.
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ASIS

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ASME

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Terrell Henry
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ASTM

ASTM International
100 Barr Harbor Drive, PO Box C700
West Conshohocken, PA 19428
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Meredith Klein
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ATIS

Alliance for Telecommunications Industry
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CRSI

Concrete Reinforcing Steel Institute
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CSA

CSA America Standards Inc.
8501 East Pleasant Valley Road
Cleveland, OH 44131
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Thuy Ton
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ECIA

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EOS/ESD

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IIAR

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PGMA

Portable Generator Manufacturers
Association
1300 Sumner Avenue
Cleveland, OH www.pgmaonline.com

Heather Darrah
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TVC (ASC Z80)

The Vision Council
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Alexandria, VA 22314
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ULSE

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WMA

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ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote.

COMMENTS

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

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

ACCESSING ISO AND IEC DRAFTS

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

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 20020, Food loss and waste - Requirements for bodies providing the audit and certification of food loss and waste management systems - 9/21/2026, \$82.00

Aircraft and space vehicles (TC 20)

ISO/DIS 24564, Space systems - Adhesives - General requirements - 9/21/2026, \$71.00

Biotechnology (TC 276)

ISO/DIS 21709, Biotechnology - Biobanking - Process and quality requirements for establishment, maintenance and characterization of mammalian cell lines - 9/18/2026, \$67.00

ISO/DIS 24603, Biotechnology - Biobanking - Requirements for human and mouse pluripotent stem cells - 9/19/2026, \$93.00

ISO/DIS 25802, Biotechnology - Requirements for the production and quality control of immunomagnetic beads - 9/20/2026, \$98.00

ISO/DIS 18209-1, Biotechnology - Biobanking of parasites - Part 1: Helminths - 9/20/2026, \$71.00

ISO/DIS 24088-1, Biotechnology - Biobanking of microorganisms - Part 1: Bacteria and archaea - 9/20/2026, \$71.00

Chemistry (TC 47)

ISO/DIS 25515, Determination of composition of Selective Catalytic Reduction (SCR) catalysts by wavelength dispersive X-ray Fluorescence (XRF) - 9/20/2026, \$58.00

Doors and windows (TC 162)

ISO/DIS 25161, Doors, windows and curtain walling - Watertightness of curtain walling under dynamic pressure - Test method - 9/19/2026, \$77.00

Fertilizers and soil conditioners (TC 134)

ISO/DIS 37700-1, Plant biostimulants - Claims - Part 1: General principles - 9/25/2026, \$71.00

ISO/DIS 37700-3, Plant biostimulants - Claims - Part 3: Tolerance to abiotic stress resulting from the use of a plant biostimulant - 9/25/2026, \$58.00

Health Informatics (TC 215)

ISO/DIS 18308, Health informatics - Requirements for an electronic health record architecture - 9/19/2026, \$93.00

Implants for surgery (TC 150)

ISO/DIS 13356, Implants for surgery -Alumina ceramic material: Zirconia - Yttria-stabilized tetragonal zirconia (Y-TZP) - 9/19/2026, \$62.00

Jewellery (TC 174)

ISO/DIS 25644, Jewellery and precious metals - Determination of gold - ICP-OES method using an internal standard element - 9/20/2026, \$40.00

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

ISO/DIS 16708, Oil and gas industries including lower carbon energy - Pipeline transportation systems - Reliability-based limit state methods - 9/18/2026, \$125.00

ISO/DIS 25640.2, Respiratory equipment - Breathing apparatus performance requirements for diving and hyperbaric applications - 7/16/2026, \$93.00

Other

ISO/DIS 17072-1, Leather - Chemical determination of metal content - Part 1: Extractable metals - 9/18/2026, \$46.00

Paints and varnishes (TC 35)

ISO/DIS 8503-5, Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast-cleaned steel substrates - Part 5: Replica tape method for the determination of the surface profile - 9/19/2026, \$46.00

ISO/DIS 8502-15, Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 15: Extraction of soluble contaminants for analysis by acid extraction - 9/24/2026, \$53.00

Railway applications (TC 269)

ISO/DIS 23300-3, Railway infrastructure - Rail welding - Part 3: Gas pressure welding - 9/24/2026, \$67.00

Road vehicles (TC 22)

ISO/DIS 7876-4, Fuel injection equipment - Vocabulary - Part 4: High-pressure pipes and end-connections - 9/18/2026, \$40.00

Safety of amusement rides and amusement devices (TC 254)

ISO/DIS 17929, Biomechanical effects on amusement ride riders - 9/21/2026, \$107.00

Safety of machinery (TC 199)

ISO/DIS 12100.3, Safety of machinery - General principles for design - Risk assessment and risk reduction - 7/16/2026, \$155.00

Sustainable development in communities (TC 268)

ISO/DIS 23098-4, Sustainable mobility and transportation - Mobility monitoring and services by data sharing platform - Part 4: Supplement role for regulated service - 9/20/2026, \$46.00

ISO/DIS 25581-1, Sustainable mobility and transportation - Mobility services using AI and big data - Part 1: Role model - 9/19/2026, \$77.00

Welding and allied processes (TC 44)

ISO/DIS 14114, Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - General requirements - 9/21/2026, \$58.00

IEC Standards**Audio, video and multimedia systems and equipment (TC 100)**

100/4503(F)/FDIS, IEC 63087 ED1: Assistive listening devices and systems for active assisted living, 07/17/2026

Documentation and graphical symbols (TC 3)

3/1788/ED, IEC 60617-C00309 ED1: Direct current power source; Direct current voltage source, 08/28/2026

Electrical accessories (TC 23)

23E/1427/CD, IEC 63748 ED1: Power loss and control circuit power consumption for circuit-breakers and similar equipment for household use, 09/25/2026

Electrical equipment in medical practice (TC 62)

62A/1752/CD, IEC 60601-1/FRAG10 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Ionizing radiation hazards (Fragment 10), 09/25/2026

62A/1745/CD, IEC 60601-1/FRAG2 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Physical environment hazard (Fragment 2), 09/25/2026

62A/1746/CD, IEC 60601-1/FRAG4 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Materials hazards (Fragment 4), 09/25/2026

62D/2309(F)/CDV, ISO 81060-2 ED4: Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type, 09/18/2026

Electroacoustics (TC 29)

29/1238/CDV, IEC 60645-5 ED2: Electroacoustics - Audiometric equipment - Part 5: Instruments for the measurement of aural acoustic impedance/admittance, 09/25/2026

29/1240(F)/FDIS, IEC 60645-6/AMD1 ED2: Amendment 1 - Electroacoustics - Audiometric equipment - Part 6: Instruments for the measurement of otoacoustic emissions, 07/17/2026

Electromagnetic compatibility (TC 77)

77B/920(F)/CDV, IEC 61000-4-4 ED4: Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test, 09/18/2026

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

104/1197/CD, IEC 60068-1 ED8: Environmental testing - Part 1: General and guidance, 08/28/2026

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

112/735/DTS, IEC TS 62332-2 ED2: Electrical insulation systems (EIS) - Thermal evaluation of combined liquid and solid components - Part 2: Simplified test, 08/28/2026

Fibre optics (TC 86)

86A/2717/CD, IEC 60793-1-20 ED3: Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry, 09/25/2026

86A/2716/CD, IEC 60793-1-21 ED2: Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry, 09/25/2026

86A/2713/CD, IEC 60794-1-132 ED1: Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Cable deformation due to cycling loads (Creep), Method E32, 09/25/2026

86A/2712/FDIS, IEC 60794-3-11 ED3: Optical fibre cables - Part 3-11: Outdoor cables - Detailed specification for duct, directly buried, and lashed aerial optical fibre telecommunication cables, 08/14/2026

86C/2020/CDV, IEC 61280-4-2/AMD1 ED3: Amendment 1 - Fibre-optic communication subsystem test procedures - Part 4 -2: Installed cabling plant - Single-mode attenuation and optical return loss measurements, 08/28/2026

86B/5246(F)/FDIS, IEC 61300-2-50 ED2: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-50: Tests - Fibre optic connector proof test with static load, 07/17/2026

86B/5259/CD, IEC 61300-3-35 ED4: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers, 08/28/2026

86B/5258/CD, IEC 61753-451-07 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 451-07: Terminal for category A - Outdoor aerial environment, 08/28/2026

86B/5257/CD, IEC 61753-451-08 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 451-08: Sealed terminals for category G - Outdoor ground environment, 08/28/2026

86B/5260/NP, PNW 86B-5260 ED1: Fibre optic interconnecting devices and passive components -performance standard-Part 181-02: Box for category C - Indoor controlled environment, 09/25/2026

Flat Panel Display Devices (TC 110)

110/1864/CD, IEC 62977-3-9 ED2: Electronic displays - Part 3-9: Evaluation of optical performance - Display sparkle contrast, 08/28/2026

110/1862/DTR, IEC TR 62629-1-4 ED1: 3D displays - Part 1-4: Generic - Overview of moiré artefacts, 08/28/2026

Industrial electroheating equipment (TC 27)

27/1246/CD, IEC 60683 ED3: Industrial electroheating equipment - Test methods for submerged-arc furnaces, 09/25/2026

27/1243(F)/FDIS, IEC 61307 ED4: Industrial microwave heating installations - Test methods for the determination of power output, 07/17/2026

27/1244(F)/FDIS, IEC 61308 ED3: High-frequency dielectric heating installations - Test methods for the determination of power output, 07/17/2026

Industrial-process measurement and control (TC 65)

65/1206(F)/FDIS, IEC 63278-4 ED1: Asset administration shell for industrial applications - Part 4: Applications of Asset Administration Shell, 07/17/2026

Insulating materials (TC 15)

15/1093/CD, IEC 60626-2 ED4: Combined flexible materials for electrical insulation - Part 2: Methods of test, 08/28/2026

Lamps and related equipment (TC 34)

34/1467/CD, IEC 63561 ED1: Measurement of ozone generation from UV-C radiation sources and luminaires, 09/25/2026

Measuring equipment for electromagnetic quantities (TC 85)

85/1005A/CD, IEC 61557-12-2 ED1: Equipment for testing, measuring or monitoring of protective measures, electrical or safety-related parameters in power distribution systems - Part 12-2: Functional test procedure for PMD and EPMF, 09/25/2026

Nuclear instrumentation (TC 45)

45/1048/CDV, IEC 60412 ED4: Nuclear instrumentation - Nomenclature (identification) of scintillators and scintillation detectors and standard dimensions of scintillators, 09/25/2026

45/1049/CDV, IEC 63047 ED2: Nuclear instrumentation - Data format for list mode digital data acquisition used in radiation detection and measurement, 09/25/2026

Performance of household electrical appliances (TC 59)

59D/543/CDV, IEC 60704-2-6 ED4: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-6: Particular requirements for tumble dryers, 09/25/2026

59N/100(F)/FDIS, IEC 63086-2-2 ED1: Household and similar electrical air cleaning appliances - Method for measuring the performance - Part 2-2: Particular requirements for determination of gas-phase pollutant reduction, 07/31/2026

Semiconductor devices (TC 47)

47F/562/CD, IEC 62047-61 ED1: Semiconductor devices - Micro-electromechanical systems - Part 61: Evaluation methods of localized deformation and stretchability for Hybrid MEMS materials, 08/28/2026

47F/563/CD, IEC 62047-62 ED1: Semiconductor devices - Micro-electromechanical systems - Part 62: Electrical resistance test method for hybrid MEMS materials under combined tensile and torsional deformation, 08/28/2026

Solar photovoltaic energy systems (TC 82)

82/2649/CD, IEC 60050-416 ED1: International Electrotechnical Vocabulary (IEV) - Part 416: Solar photovoltaics, 08/28/2026

82/2618/CDV, IEC 62688 ED2: Concentrator photovoltaic (CPV) modules and assemblies - Safety qualification, 08/28/2026

82/2619/CDV, IEC 62788-1-4/AMD2 ED1: Amendment 2 - Measurement procedures for materials used in photovoltaic modules - Part 1-4: Encapsulants - Measurement of optical transmittance and calculation of the solar-weighted photon transmittance, yellowness index, and UV cut-off wavelength, 09/25/2026

82/2653/CD, IEC 62894 ED2: Photovoltaic inverters - Data sheet and name plate, 08/28/2026

82/2654/CD, IEC TS 63202-8 ED1: Photovoltaic cells - Part 8: Measurement of ultraviolet-induced degradation of crystalline silicon photovoltaic cells, 08/28/2026

82/2648/NP, PNW 82-2648 ED1: Photovoltaic system performance - Part 4: Performance ratios and related metrics, 08/28/2026

Standard voltages, current ratings and frequencies (TC 8)

8A/233/DTS, IEC TS 63102 ED2: Grid code compliance assessment methods for grid connection of renewable energy power plants, 08/28/2026

Surface mounting technology (TC 91)

91/2116/FDIS, IEC 61189-3-720 ED1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-720: Test methods for interconnection structures (circuit boards) - Transmission loss test method for high frequency multilayer circuit boards, 08/14/2026

91/2119/CD, IEC 61249-2-56 ED1: Materials for printed boards and other interconnecting structures - Part 2-56: Reinforced base materials clad and unclad - Non-halogenated epoxide modified bismaleimide/triazine with filler woven glass laminate sheets of low thermal expansion and flammability (vertical burning test), copper-clad for IC substrate, 08/28/2026

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

121A/729/CD, IEC 60947-5-2 ED5: Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Sensing devices with switching output, 09/11/2026

(TC)

SyCSmartEnergy/351/CD, IEC SRD 63630 ED1: 24/7 Carbon Free Energy standardization pathways, 08/28/2026

Ultrasonics (TC 87)

87/941/DISH, IEC 62127-1/ISH1 ED2: Interpretation Sheet 1 - Ultrasonics - Hydrophones - Part 1: Measurement and characterization of medical ultrasonic fields, 08/14/2026



Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

[ISO 23822:2026](#), Eggs and egg products - Determination of nitroimidazole residues - Liquid chromatography-tandem mass spectrometry method, \$143.00

Anaesthetic and respiratory equipment (TC 121)

[ISO 5361:2023/Amd 1:2026](#), - Amendment 1: Anaesthetic and respiratory equipment - Tracheal tubes and connectors - Amendment 1: Reinstatement of third edition S1 dimensions, \$26.00

Fasteners (TC 2)

[ISO 16224:2026](#), Fasteners - Calculation methods for bolt/nut assemblies - Nut design, \$227.00

Fine Bubble Technology (TC 281)

[ISO 23016-2:2026](#), Fine bubble technology - Agricultural applications - Part 2: Test method for evaluating the promotion of the germination of barley seeds, \$143.00

Graphical symbols (TC 145)

[ISO 7001:2023/Amd 2:2026](#), - Amendment 2: Graphical symbols - Registered public information symbols - Amendment 2, \$26.00

Learning services for non-formal education and training (TC 232)

[ISO/PAS 25171:2026](#), Educational organizations - Management systems - Guidance for auditing ISO 21001, \$291.00

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

[ISO 23936-3:2026](#), Oil and gas industries including lower carbon energy - Non-metallic materials in contact with media related to oil and gas production - Part 3: Thermosets, \$258.00

Mining (TC 82)

[ISO 22932-5:2026](#), Mining - Vocabulary - Part 5: Drilling and blasting, \$324.00

Paints and varnishes (TC 35)

[ISO 22785-3:2026](#), Paints and varnishes - Coatings on plastics and composites - Part 3: Constant climate and alternating climate testing, \$96.00

[ISO 22785-6:2026](#), Paints and varnishes - Coatings on plastics and composites - Part 6: Stone-chip resistance testing, \$63.00

Rolling bearings (TC 4)

[ISO 19457:2026](#), Rolling bearings - Roller blocks as subassemblies for linear motion rolling bearings - Boundary dimensions and tolerance values, \$143.00

Ships and marine technology (TC 8)

[ISO 19697:2026](#), Ships and marine technology - Navigation and ship operations - Electronic inclinometers, \$193.00

Sustainable development in communities (TC 268)

[ISO 37187:2026](#), Smart community infrastructures - Guidance on data exchange and sharing of city information modelling platform, \$258.00

Textiles (TC 38)

[ISO 24953:2026](#), Textiles - Determination of iodine isotope adsorption efficiency of activated carbon fibre, \$193.00

Water quality (TC 147)

[ISO 17805:2026](#), Water quality - Sampling, capture and preservation of environmental DNA from water, \$143.00

ISO Technical Reports

Plastics (TC 61)

[ISO/TR 24813:2026](#), Fibre reinforced plastics - Analysis of differences between circular-section tubes and cambered triangular thin-walled tubes in three-point bending tests, \$143.00

ISO Technical Specifications

Sterilization of health care products (TC 198)

[ISO/TS 17664-3:2026](#), Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices - Part 3: Guidance on the designation of a reusable medical device to a cleaning classification, \$96.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 8801:2026](#), Information technology - 3D printing and scanning - Data standard operating procedure (SOP), \$96.00

[ISO/IEC 27000:2026](#), Information security, cybersecurity and privacy protection - Information security management systems - Overview, \$96.00

[ISO/IEC 19075-2:2021/Cor 1:2026](#), Corrigendum, FREE

[ISO/IEC 19075-5:2021/Cor 1:2026](#), Corrigendum, FREE

[ISO/IEC 14543-4-303:2026](#), Information technology - Home electronic system (HES) architecture - Part 4-303: Application protocol for electric vehicle supply equipment (EVSE) chargers and controllers, \$227.00

[ISO/IEC 14543-4-304:2026](#), Information technology - Home electronic system (HES) architecture - Part 4-304: Application protocol for electric vehicle supply equipment (EVSE) charger and dischargers and controllers, \$258.00

IEC Standards

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

[IEC 62807-2 Ed. 1.0 en:2026](#), Hybrid communication cables - Part 2: Indoor hybrid cables - Sectional specification, \$114.00

Capacitors and resistors for electronic equipment (TC 40)

[IEC 60940 Ed. 3.0 en:2026](#), Application of capacitors, resistors, inductors and complete filter units for electromagnetic interference suppression - General rules and safety requirements, \$299.00

[IEC 60940 Ed. 3.0 b:2026](#), Application of capacitors, resistors, inductors and complete filter units for electromagnetic interference suppression - General rules and safety requirements, \$299.00

Electric cables (TC 20)

[IEC 60502-2 Amd.1 Ed. 3.1 en Cor.1:2026](#), Corrigendum 1 - Power cables with extruded insulation and their accessories for rated voltages from 1 kV ($U_m = 1,2$ kV) up to 30 kV ($U_m = 36$ kV) - Part 2: Cables for rated voltages from 6 kV ($U_m = 7,2$ kV) up to 30 kV ($U_m = 36$ kV), \$0.00

IEC Technical Specifications

Standard voltages, current ratings and frequencies (TC 8)

[IEC/TS 63537 Ed. 1.0 en:2026](#), Hardware-in-the-loop simulation test of power system stability control system, \$164.00

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.

ATIS-1000013.v2.a.2026

American National Standard for Telecommunications

ATIS Supplement A to ATIS-1000013.v2.2015, *Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services, Version 2*

Alliance for Telecommunications Industry Solutions

Approved January 8, 2026

American National Standards Institute, Inc.

Abstract

This Supplement provides modifications to ATIS-1000013.v2.2015, *Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services, Version 2*.

ATIS-1000013.v2.a.2026

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

This document is entitled the American National Standard for Telecommunications – Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol (VoIP) and Rich Communications Services (RCS) Messaging in Wireline and Broadband Telecommunications Networks. This standard is the result of work by members of the Packet Technologies and Systems Committee (PTSC), working within the PTSC Lawfully Authorized Electronic Surveillance Subcommittee (LAES). This Standard defines the interfaces between a Telecommunication Service Provider (TSP) and a Law Enforcement Agency (LEA) to assist the LEA in conducting lawfully authorized electronic surveillance for VoIP and RCS messaging in wireline and broadband telecommunications networks.

It is not the intent of this document to imply or impact any pending CALEA regulatory decisions related to VoIP. This document provides the mechanisms to perform lawfully authorized electronic surveillance of VoIP subject to the appropriate legal and regulatory environment. Where CALEA is found to be applicable to VoIP, it is intended that a manufacturer or service provider that is in compliance with this document will have “safe harbor” under Section 107 of CALEA, Public Law 103-414, codified at 47 U.S.C. 1001 et seq.

ANSI guidelines specify two categories of requirements: mandatory and recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

NOTE - The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights. By publication of this standard, no position is taken with respect to whether use of an invention covered by patent rights will be required, and if any such use is required no position is taken regarding the validity of this claim or any patent rights in connection therewith. Please refer to <https://www.atis.org/policy/patent-assurances/> to determine if any statement has been filed by a patent holder indicating a willingness to grant a license either without compensation or on reasonable and non-discriminatory terms and conditions to applicants desiring to obtain a license.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, PTSC, 1200 G Street NW, Suite 500, Washington, DC 20005.

This standard was processed and approved for submittal to ANSI by the PTSC. Committee approval of this standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the PTSC had the following leadership:

M. Dolly, PTSC Chair (AT&T)

V. Shaikh, PTSC Vice-Chair (Peraton Labs)

G. Myers, PTSC LAES Chair (Counter Link)

N. Rao, PTSC LAES Vice-Chair (Nokia)

The Lawfully Authorized Electronic Surveillance (LAES) Subcommittee was responsible for the development of this document

ATIS-1000013.v2.a.2026

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ATIS-1000013v2.a.2026

1 Scope & Purpose

The scope of this Supplement is ATIS-1000013.v2.2015, *Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services, Version 2*.

The purpose of this Supplement is to provide an addition to ATIS-1000013.v2.2015 to address use of TLS as an optional delivery method to law enforcement.

Upon publication, this Supplement shall be used in conjunction with ATIS-1000013.v2.2015.

2 Modifications

2.1 Modification of Clause 5.3.2

Expand Clause 5.3.2 Communications Delivery by adding three additional paragraphs on TLS after the existing first paragraph as shown below in red font.

5.3.2 Communications Delivery

Various delivery methods and associated technologies can be used to support the 'e' interface between a IASP and law enforcement. TCP is the protocol preferred by law enforcement for CmII and CmC delivery over the 'e' interface. If TCP is available, its use is assumed unless a different protocol is agreed to by the LEA and the TSP. If the DF and CF are not local to each other and if high-bandwidth CmC delivery is needed, the DF and CF may support multiple parallel TCP flows.

TLS over TCP can be used for security and integrity on the 'e' interface. For TLS use in new implementations, TLS 1.3 as defined in RFC 8446 [Ref 21] must be used. For implementations that already use TLS, TLS 1.3 should be used, although TLS 1.2 as defined in RFC 5246 [Ref 22] may be used if necessary. Where mandated for PQC (post-quantum cryptography) systems, TLS 1.3 must be used.

When using TLS 1.3, best practices as defined in RFC 9325 [Ref 23] must be used, and specifically those for perfect forward secrecy.

When using TLS 1.2, best practices defined for TLS 1.2 in RFC 9325 [Ref 23] and updated TLS 1.2 deployment guidance in RFC 8446 [Ref 21] must be used.

NOTE: draft-ietf-uta-require-tls13-12 [Ref 24] addresses additional TLS 1.3 best practices. This document is pending publication as an IETF RFC.

2.2 Modification of Clause 3

The following references are added:

[Ref 21] IETF RFC 8446, *The Transport Layer Security (TLS) Protocol Version 1.3*, August 2018.

[Ref 22] IETF RFC 5246, *The Transport Layer Security (TLS) Protocol Version 1.2*. August 2008.

[Ref 23] IETF RFC 9325, *Recommendations for Secure Use of Transport Layer Security and Datagram Transport Layer Security (DTLS)*, November 2022.

[Ref 24] draft-ietf-uta-require-tls13-12, *New Protocols Using TLS Must Require TLS 1.3*.

ATIS-1000678.v4.b.2026

American National Standard for Telecommunications

ATIS Supplement B to ATIS-1000678.v4.2020, *Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communications Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4*

Alliance for Telecommunications Industry Solutions

Approved January 8, 2026

American National Standards Institute, Inc.

Abstract

This Supplement provides modifications to ATIS-1000678.v4.2020, *Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communication Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4*.

ATIS-1000678.v4.b.2026

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

This document is entitled the American National Standard for Telecommunications – Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol (VoIP) and Rich Communications Services (RCS) Messaging in Wireline and Broadband Telecommunications Networks. This standard is the result of work by members of the Packet Technologies and Systems Committee (PTSC), working within the PTSC Lawfully Authorized Electronic Surveillance Subcommittee (LAES). This Standard defines the interfaces between a Telecommunication Service Provider (TSP) and a Law Enforcement Agency (LEA) to assist the LEA in conducting lawfully authorized electronic surveillance for VoIP and RCS messaging in wireline and broadband telecommunications networks.

It is not the intent of this document to imply or impact any pending CALEA regulatory decisions related to VoIP. This document provides the mechanisms to perform lawfully authorized electronic surveillance of VoIP subject to the appropriate legal and regulatory environment. Where CALEA is found to be applicable to VoIP, it is intended that a manufacturer or service provider that is in compliance with this document will have “safe harbor” under Section 107 of CALEA, Public Law 103-414, codified at 47 U.S.C. 1001 et seq.

ANSI guidelines specify two categories of requirements: mandatory and recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

NOTE - The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights. By publication of this standard, no position is taken with respect to whether use of an invention covered by patent rights will be required, and if any such use is required no position is taken regarding the validity of this claim or any patent rights in connection therewith. Please refer to [<https://www.atis.org/policy/patent-assurances/>] to determine if any statement has been filed by a patent holder indicating a willingness to grant a license either without compensation or on reasonable and non-discriminatory terms and conditions to applicants desiring to obtain a license.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, PTSC, 1200 G Street NW, Suite 500, Washington, DC 20005.

This standard was processed and approved for submittal to ANSI by the PTSC. Committee approval of this standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the PTSC had the following leadership:

M. Dolly, PTSC Chair (AT&T)

V. Shaikh, PTSC Vice-Chair (Peraton Labs)

G. Myers, PTSC LAES Chair (Counter Link)

N. Rao, PTSC LAES Vice-Chair (Nokia)

The Lawfully Authorized Electronic Surveillance (LAES) Subcommittee was responsible for the development of this document

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ATIS-1000678v4.b.2026

1 Scope & Purpose

The scope of this Supplement is ATIS-1000678.v4.2020, *Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communication Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4*.

The purpose of this Supplement is to provide an addition to ATIS-1000678.v4.2020 to address use of TLS over TCP as an optional delivery protocol to law enforcement.

Upon publication, this Supplement shall be used in conjunction with ATIS-1000678.v4.2020 and supplement ATIS-1000678.v4.a.2021.

2 Modifications

2.1 Modification of Clause 5.4.1

Expand Clause 5.4.1, Intercepted Communications Delivery, by adding three additional paragraphs on TLS as shown below.

5.4.1 Intercepted Communications Delivery

Various transport technologies can be used to support the 'e' interface between a TSP and law enforcement. Transmission Control Protocol (TCP) [Ref 12] is the protocol preferred by law enforcement for CII and CC delivery over the 'e' interface if IP-based delivery is used. If TCP is available, its use is assumed unless a different protocol is agreed to by the LEA and the TSP.

TLS over TCP can be used for security and integrity on the 'e' interface. For TLS use in new implementations, TLS 1.3 as defined in RFC 8446 [Ref 33] must be used. For implementations that already use TLS, TLS 1.3 should be used, although TLS 1.2 as defined in RFC 5246 [Ref 34] may be used if necessary. Where mandated for PQC (post-quantum cryptography) systems, TLS 1.3 must be used.

When using TLS 1.3, best practices as defined in RFC 9325 [Ref 35] must be used, and specifically those for perfect forward secrecy.

When using TLS 1.2, best practices defined for TLS 1.2 in RFC 9325 [Ref 35] and updated TLS 1.2 deployment guidance in RFC 8446 [Ref 33] must be used.

NOTE: draft-ietf-uta-require-tls13-12 [Ref 36] addresses additional TLS 1.3 best practices. This document is pending publication as an IETF RFC.

2.2 Modification of Clause 3

The following references are added:

[Ref 33] IETF RFC 8446, *The Transport Layer Security (TLS) Protocol Version 1.3*, August 2018.

[Ref 34] IETF RFC 5246, *The Transport Layer Security (TLS) Protocol Version 1.2*, August 2008.

[Ref 35] IETF RFC 9325, *Recommendations for Secure Use of Transport Layer Security and Datagram Transport Layer Security (DTLS)*, November 2022.

[Ref 36] draft-ietf-uta-require-tls13-12, *New Protocols Using TLS Must Require TLS 1.3*.

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

NSF/ANSI Standard for Wastewater Technology –

Residential Wastewater Treatment Systems – Nitrogen Reduction

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8.2 Testing conditions, hydraulic loading, and schedules

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8.2.1 Influent wastewater characteristics

Except as required by NSF/ANSI 40 for systems seeking concurrent NSF/ANSI 40 and nitrogen reduction certification, the average wastewater characteristics delivered to the system over the course of the testing shall fall within:

- **BOD₅**: 100 to 300 mg/L;
- **TSS**: 100 to 350 mg/L;
- **TKN**: 35 to 70 mg/L (as N);
- **alkalinity**: ratio of no < 5:1 alkalinity (as CaCO₃) to TKN;
- **temperature**: 10 to 30 °C (50 to 86 °F); and
- **pH**: 6.5 to 9 SU.

The manufacturer shall specify **before** the start of testing which option below shall be followed if the influent temperature is <10 °C (50 °F):

1. continue sampling;
2. suspend sample collection until influent temperature returns to ≥10 °C (50 °F); or
3. heat the influent to 10 to 12 °C (50 to 54 °F). This option is dependent on the test laboratory's capabilities.

The raw influent shall be supplemented to meet the required influent alkalinity, TKN, and carbon to nitrogen ratio. The influent shall be supplemented with:

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- sodium bicarbonate to achieve the minimum ratio of no < 5:1 alkalinity to TKN, unless the manufacturer and certification body may agree to a lower ratio alkalinity to TKN as described below;
- urea to meet the required influent TKN concentration; and
- methanol, or products such as MicroC® 2000 and MicroC® 4000 (or equivalent) to maintain a carbon to nitrogen ratio of no < 5:1.

The manufacturer and certification body may agree to a lower alkalinity to TKN ratio. Adjustments shall be made based on the 30-d rolling averages of TKN, BOD, and alkalinity.

~~NOTE — For this testing, minimum alkalinity may be calculated as described in Annex [1.1](#). If the influent temperature drops below 10 °C (50 °F), impacting the nitrification process, sample collection may be suspended until the influent temperature returns to 10 °C (50 °F).~~

8.2.2 Hydraulic loading

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8.5 Final report

A final report shall be prepared that presents the following:

- all data collected in accordance with the testing and evaluations within this standard;
- a table indicating the actual percent reduction over the course of the test (included in the executive summary, as well as in the body of the report);
- observations made during the testing;
- an estimation of the pounds of nitrogen loaded during the test and the pounds removed;
- any adjustments made to the alkalinity of the influent wastewater;
- a copy of the current edition of the Owner's Manual; ~~and~~
- process description and detailed dimensioned drawings of the system evaluated; ~~and~~
- any heating applied to the influent water

A supplemental report shall be prepared for any system(s) approved under Section [1.4](#) of this standard, including process description(s) and dimensioned drawings.

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Informative Annex 1

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Rationale: Per ANSI guidelines, Notes are informative language in a Standard and shall not contain normative requirements. However, several Notes in standards 40, 245, and 350 have testing methods, testing alternatives, or other impacts on certification in the Notes. The goal of this issue paper is to move this language into the normative body of the Standard.

NSF 245 Section 8.2.1 includes a Note that allows nitrogen sampling for Std 245 to be suspended when influent temperature falls below 10°C, and resumed when the influent temperature returns to 10°C. Nitrification bacteria indeed become less active at these temperatures, and thus systems underperform at very low temperatures.

The proposed language will remove the option to suspend testing at low temperatures from the Note and move that into the body of the Standard. Additionally, technologies are available to heat influent wastewater and ensure the temperature is $\geq 10^{\circ}\text{C}$. If the JC decides this should not be normative language, then it shall be removed. This issue was also discussed during the Standard 245 carbon/nitrogen ratio task group meeting on 3/17/26.

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NSF/ANSI/CAN Standard for Water Systems -

Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities

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6 Filters

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6.1.10 Ultrafine filtration microorganism removal

For organism reduction claims other than *Cryptosporidium parvum* oocyst reduction, a full-stream filter shall provide a minimum LRV of 2.0 when tested using the specific organism claimed, in accordance with the general test methods specified in Annex N-2.9 NSF/ANSI 419, Section 6: *Microfiltration (MF) and ultrafiltration (UF) membrane modules*, and as specified in Section N-2.3: *Challenge test reporting and results for bag and cartridge filters*.

A partial or side-stream filter shall provide a minimum LRV of 2.0 when tested using the specific organism claimed, in accordance with the general test methods specified in Annex N-2.9 NSF/ANSI 419, Section 6, and as specified in Section N-2.3 for the manufacturer's specified number of turnovers.

Systems that are comprised of more than one filter shall have each filter evaluated according to its filter type test method, and a system log reduction may be awarded with consideration given to flow rates and log reduction values of the individual components.

Systems that are comprised of more than one filter shall have each filter evaluated according to its filter type test method, and a system log reduction may be awarded with consideration given to flow rates and log reduction values of the individual components.

Rationale: *Adds clarifying language to indicate that this section is intended to support organism removal claims other than Cryptosporidium, which is addressed in section 6.1.11. Updates the testing reference to Annex N-2.9 instead of NSF 419. Annex N-2.9 is based on NSF 419, but was adjusted to accommodate all of the common filter types (cartridge, sand, precoat, etc.), so it is better to directly reference this annex.*

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Filters that have been tested according to this section shall include on their data plate and product installation/operation manual:

- a statement reading:

"This unit has demonstrated an ability to provide [insert log reduction] (percentage removal %) removal of [insert name organisms] when tested and met the compliance criteria listed in NSF/ANSI/CAN 50, Section 6.1.10 when operated at [insert design flow rate]. This unit has not demonstrated an ability to kill or inactivate [insert name organisms] and is not certified as a secondary disinfecting device."

- a caution statement that the unit is designed for filtration and should be used with US EPA-registered and approved disinfection sanitizer maintained at levels as required in ANSI/APSP/ICC-11, Error! Bookmark not defined. if applicable.

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6.5 Membrane filters.

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6.5.2 Data plate

A membrane filter shall have a data plate that is permanent, easy to read, and securely attached to the filter housing at a readily accessible location. The data plate shall contain the following information:

- manufacturer's name and contact information (address, phone number, website, or prime supplier)
- filter model number
- filter serial number
- effective filtration area in square meters or square feet
- required clearance (vertical and horizontal for service and maintenance)
- design flow rate in LPM or GPM
- working pressure (if applicable)
- steps of operation
- whether a filter is designed for swimming pool applications only or spa/hot tub applications only.
- A filter designed for both applications shall be exempt from this requirement.
- ~~a statement reading:~~

"This unit has demonstrated an ability to provide [insert log reduction] (percentage removal %)

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~~removal of [insert name organisms] when tested and met the compliance criteria listed in NSF/ANSI/CAN 50, Section 6.1.10 when operated at [insert design flow rate]. This unit has not demonstrated an ability to kill or inactivate [insert name organisms] and is not certified as a secondary disinfecting device."~~

- ~~• a caution statement that the unit is designed for filtration and should be used with US EPA-registered and approved disinfection sanitizer maintained at levels as required in ANSI/APSP/ICC 11, Error! Bookmark not defined. if applicable.~~

Rationale: Moves this language from section 6.5.2 to 6.1.10 so that it applies to any filter that is tested to this clause, rather than exclusively to membrane filters.

BSR/UL 399, Standard for Safety for Safety for Drinking Water Coolers**1. Digital Instructions****PROPOSAL**

5.13A CRITICAL INSTALLATION & SAFETY INFORMATION (CISI): The minimum subset of instruction content required to safely install the product and place it into service, including rough-in requirements, GFCI guidance, maximum water supply pressure (for pressure-type coolers), all applicable safety warnings, and any flammable refrigerant installation restrictions.

5.13B DIGITAL INSTRUCTION SET (DIS): The complete set of installation, operation, maintenance, service, and accessory information provided via a manufacturer-controlled, publicly accessible website.

6.2 A copy of the manufacturer's installation and operating instructions, or equivalent ~~information intended to accompany each water cooler~~, shall be furnished with the sample submitted for investigation. These instructions shall be used as a guide in the examination and test of the water cooler. For production units, critical installation and safety information (CISI) shall be provided in printed form with each water cooler, and the complete instructions shall be provided either in printed form with each water cooler or digitally as a digital instruction set (DIS) retrievable through a machine-readable code (e.g., QR) and alphanumeric URL provided on the product or in the product documentation. Any digital links shall be maintained for the product's supported life.

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BSR/UL 827, Standard for Safety for Central-Station Alarm Services

1. Operator Connectivity Supervision (OCS)

PM Note: There is an editorial correction in section 35.3.2 of the ballot document, which currently refers to section 35.1 but should refer to 35.3.1. This correction has been applied in the recirculation document.

PROPOSAL

5.2 Definitions common to burglar- and fire-alarm systems

5.2.41.A OPERATOR CONNECTIVITY SUPERVISION PROCESS (OCS) - A function that supervises functional connectivity between all systems required for proper signal monitoring with local or remote operator workstations, that initiates immediate action to remediate communications outages.

5.2.41.B REMOTE OPERATOR DURESS SIGNAL – An automation system key(s) stroke or other function, that a remote operator performs; to alert the Central Station they are in duress. (Source: UL 1981).

35.3.1 Regardless of the Operator location, an Operator Connectivity Supervision process (OCS) shall be in place that identifies and initiates remediation within 90 seconds of the identification and/or notification of a loss of functional connectivity with one or more operator workstations that are necessary for an alarm operator to properly perform the alarm monitoring function.

35.3.2 The OCS process and notification of the loss of a single or multiple functions identified by ~~35.1~~ 35.3.1 may be a manual or an automated process.

35.3.3 There shall be a written OCS plan of action that:

c) Documents minimum staffing levels in compliance with section 18.3 for on-duty operators logged into automation to ensure compliance with the alarm handling requirements of this standard. ~~and alarm handling requirements within NFPA 72.~~

d) Ensures that upon failure of any critical operator functionality, operator staffing levels identified by 35.3 remain compliant, or, ~~are quickly restored to compliance, with the alarm handling requirements of this standard. and alarm handling requirements within NFPA 72.~~

35.3.4 The initial communications disruption identified by OCS shall be made by or to personnel within a facility that is compliant with UL 827, that meets the requirements of an operating room as described in section 7.1, where a minimum of two operators (18.3) are present.

35.3.5 OCS trained staff shall be on duty at all times. A log documenting such training and testing shall be maintained and available at the central station;

Note: ~~35.3.6~~ Supervisory personnel and designated employees shall be familiar with the plan and shall know the location of a copy of the plan that is kept at the center and is immediately available. The implementation of the plan shall be practiced annually to assure that all personnel know their responsibilities in case of an emergency, thus providing the opportunity to evaluate the current plan, making any changes that are recognized as needed

35.4.1 The initiation of an operator “duress” signal shall:

- a) Restrict the workstation from accessing subscriber data through the automation system or other means,
- b) ~~Notifies~~ Notify a designated recipient, that the operator has reported he/she is under duress; and
- c) Log the event.

2. Chapter 17 Tables

PROPOSAL

17.11.7 Central-station automation security measures over remote access shall comply with the following:

a) The following measures shall be taken to ensure appropriate secure access from sources outside of the central-station.

1) Measure 1 – Physical security of facilities

ii) Areas housing ~~terminals~~ **User interfaces** used to make temporary connections with the automation system by alarm service company managed locations shall be arranged in a manner that limits access and view to authorized employees of the location making the connection. When the area is not occupied, it shall be locked and protected by a Premises Extent 3 alarm system that is compliant with UL 681. The alarm system shall be monitored in the central-station.

Table 17.4
Access and Remote Functions

Function	Compliant UL 827 location	Service center	Remote data entry center	Independent dealer Staff	Central- station Company Technicians	Subscribers	Remote Operator ^e
Security measures	Table 17.3^a	Table 17.3^a	Table 17.3^a	Table 17.3^a	Table 17.3^a	Table 17.3^a	Table 17.3^a
Minimum User ID and Password “Log On” credentials required	Yes	Yes	Yes	Yes	Yes	Yes	<u>Yes</u>
Create and/or commission new accounts	Yes	Yes	Yes	Yes	No	<u>Yes</u> ^d /No	<u>Yes</u>
Administer, maintain, configure, automation user access	Yes	Yes	Yes/No ^c	No	No	No	<u>No</u>
Administer, configure, or maintain automation data tables	Yes	Yes	Yes/No ^c	No	No	No	<u>No</u>
Update customer	Yes	Yes	Yes	Yes	No	Yes	<u>Yes</u>

[illegible]

BSR/UL 924, Standard for Safety for Emergency Lighting and Power Equipment

1. Electronic circuit performance functionality evaluations

PROPOSAL

23.3 Electronic circuits that activate emergency lighting in response to an external signal (loss of normal power, fire alarm, motion sensor or the like), including loss of a signal, shall be subject to the ELCF Test, Section 47, and shall operate in accordance with 47.2 or issue a derangement signal appropriate for the condition in accordance with 47.7. If these circuits rely upon programmable devices ~~they shall be additional evaluated for compliance with UL 60730-1, Annex H,~~ the equipment documentation shall include the additional information noted in 74.13.

Note: Equipment subject to these requirements is intended to be installed where NFPA 70 (NEC) and/or NFPA 101 (Life Safety Code) are enforced per 1.1. Both Codes require periodic functional testing of emergency lighting equipment. That periodic functionality testing is considered supplemental to the ELCF testing performed to establish design compliance. Equipment installed at a facility not subject to periodic functionality testing may warrant alternative supplemental evaluation at the design stage.

74.13 The instructions for equipment with electronic circuits that rely upon programmable devices for ELCF compliance (see 23.3) shall include instructions to perform functionality testing subsequent to reprogramming or firmware updates to verify that the intended emergency lighting functionality has been retained.

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BSR/UL 962A, Standard for Safety for Furniture Power Distribution Units

1. Clarification of Scope of Products

PROPOSAL

1.1 These requirements cover indoor use cord and plug connected or permanently connected, furniture power distribution units (FPDU) rated 250 V AC or less and 20 Amperes or less. An FPDU ~~shall be~~ may provide d with one or more receptacle outlets, and may also include ~~inclusive of~~ one current tap integral to the attachment plug, if provided, for connection of utilization equipment. An FPDU may additionally include an integral Limited Power Circuit Class-2 power supply employing integral output lead(s) and/or output connector(s) and may include receptacles with integral power supplies employing Limited Power Circuit Class-2 output connector(s). FPDUs are intended for fixed mounting to portable or stationary furnishings as a power supply connection for cord and plug connected electrical utilization equipment in accordance with ~~the National Electrical Code, NFPA 70~~ NFPA 70®, National Electrical Code® (NEC®).

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

1.2 ~~In accordance with the National Electrical Code, NFPA 70, furniture~~ Furniture power distribution units (FPDUs) shall not serve as fixed wiring of a structure or of fixed furnishings, such as but not limited to applications in permanent countertops of kitchens and bathrooms.

UL 2196, Standard for Safety for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

1. Withdrawal of Proposal: Fuse Requirements for Fire Test

PROPOSAL

Note from Project Manager – If the 2026-04-10 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

5.6.6 A 3 A Class K, non-time delay fuse suitable for branch circuit protection shall be located in each ungrounded conductor of the supply. New, previously unused fuses shall be installed prior to each test and the fuse holder contacts shall be cleaned prior to installation.

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Special public review of ANSI E1.51 - 2024 as allowed by ANSI's ExSC

The following text in ANSI E1.51 – 2024 has been revised. This public review is limited to the revised text only. The text is shown in legislative format: strikethrough text will be deleted, underline text will be added.

2.1 Accredited certification organization: ~~an organization that has been accredited by the Standards Council of Canada~~ in accordance with specific criteria, procedures, and requirements, to operate, on a continuing basis, a certification program for electrical equipment.

- 4.2** All electrical equipment shall be approved, and bear an approval or certification mark from:
- (a) one of the accredited certification organizations; or
 - (b) special inspection (field approvals) by an accredited certification organization agency conducting on-site testing and review using an appropriate model code* ~~under SPE1000;~~ and
 - (c) such labels shall be affixed to the electrical equipment.

*Informational note: Guidance on how to accomplish this may be found in CSA SPE-1000: *Model Code for the Field Evaluation of Electrical Equipment*.

Download the public review response form at https://tsp.esta.org/tsp/documents/public_review_docs.php.
Return public review comments before the deadline, to standards@esta.org.