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CONTENTS

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Project Initiation Notification System (PINS)

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

ABMA (ASC B3) (American Bearing Manufacturers Association)

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Revision

BSR B3.1-202x, Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Eddy Current Inspection (revision of ANSI B3.1-1992 (S2020])
Stakeholders: Aerospace and other users of high-precision bearings.

Project Need: Update to latest practices and technologies.

Interest Categories: Manufacturers – Those companies that produce bearings for use by others;
Users – Those companies that use bearings in their products;
General interest parties – Others that are interested in bearing standardization, such as academicians, consultants, and equipment suppliers to the industry (tool, lubricant, material suppliers, etc.)

This standard specifies a method for detection of discontinuities or non-homogeneities in bearing components by means of eddy current interrogation. This standard is applicable to rolling element bearings used in aircraft engine, engine gearbox, and accessory applications.

AGMA (American Gear Manufacturers Association)

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Revision

BSR/AGMA 1104-Bxx, Tolerance Specification for Shaper Cutters (revision of ANSI/AGMA 1104-A09 (R2020))
Stakeholders: Users and manufacturers of gear-cutting tools.

Project Need: Update to state-of-the-art including: Add AAA tolerance – This requires changes to clause 6 and the tolerance tables in Annex A Add an Annex to discuss applying these tolerances to skiving Review datum definitions to ensure they are adequate

Interest Categories: Manufacturers – Those companies that produce gearing and flexible couplings for use by others;
Users – Those companies that use gearing in their products;
General interest parties – Others that are interested in gear standardization, such as academicians, consultants, and equipment suppliers to the industry (tool, lubricant, material suppliers, etc.)

The purpose of this standard is to provide specifications for nomenclature, dimensions, tolerances, and inspection of shaper cutters, and thereby establish a basis for mutual understanding in this respect in the use and manufacture of these tools.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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New Standard

BSR X9.152-202x, PKI Lifecycle Management (new standard)
Stakeholders: Service providers of public key infrastructures (PKI), hardware and software product manufacturers (vendors) that implement asymmetric cryptography and/or PKI, end users of PKI including subjects (entities generating asymmetric keys and/or obtaining certificates) and relying parities (entities accepting and validating certificates), other standards groups (e.g., ISO, IETF, NIST, OASIS) and authoritative groups, including auditors, assessors, and security professionals, are all interested and dependent stakeholders for this standard.

Project Need: Key management lifecycle for asymmetric keys, including private keys and public key certificates, transitioning from legacy algorithms (e.g., RSA, Diffie Hellman, Elliptic Curve Cryptography) to PQC algorithms (e.g., ML-KEM, ML-DSA, SLH-DSA) needs standardization. Requirements and recommendations for managing both private and public keys, including when digital certificates are not used to protect the public key, are needed. Using asymmetric cryptography to protect data, or using asymmetric cryptography to establish symmetric keys to protect data, needs standardization.

Interest Categories: Consumer, General Interest, Producer

The scope of the new PKI standard will include not only the PKI lifecycle requirement and recommendations as previously addressed in X9.79-4, but also newer events such as the NIST post-quantum cryptography (PQC) algorithms, updates to existing IEFT protocols such as TLS and others, and the industry migration from the CA Browser Forum to the newly announced X9 Financial PKI and its many PKI use cases.

BOMA (Building Owners and Managers Association)

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Revision

BSR/BOMA Z65.5-2025-202x, BOMA 2025 for Retail Properties Standard Method of Measurement (revision of ANSI/BOMA Z65.5-2020)
Stakeholders: Property owners, property managers, facility managers, brokers, appraisers, assessors, lenders, insurers, developers, construction and design professionals, and others who need unequivocal, direct measurement of the physical size of an office building.

Project Need: This 2025 standard further builds upon BOMA's legacy of standards by clarifying existing concepts, introducing new concepts, and improving the applicability and readability of the document.The primary objectives of this standard are:
- To promote an unambiguous framework for determining the areas of Retail Properties with a strong focus on Rentable Area calculations;
- To facilitate transparency and clear communication of retail measurement concepts among all participants in the commercial real estate industry;
- To allow a comparison of values on the basis of a clearly understood and generally agreed upon method of measurement.

Interest Categories: Producers, users, and general interests

This 2025 Retail Standard includes many new features, enhancements, and clarifications from its predecessor. Key among them are the inclusion of certain outdoor areas, the option of determining proportionate share allocations of Parking Areas, Major Vertical Penetrations, and ervice and Public Areas (Non-Tenanted Areas) according to the Gross Leasable Areas of the Property's Occupants, and compatibility with International Property Measurement Standards: Retail Buildings. Furthermore, this document includes improved text and illustrations throughout, helpful hints, and an easier step-by-step layout. It also addresses many questions that users of the BOMA standard have asked about previous versions of the standard.

ECIA (Electronic Components Industry Association)

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Revision

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

Project Need: Revise and redesignate current ANS

Interest Categories: User, Producer, General Interest

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

EIMA (EIFS Industry Members Association)

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Revision

BSR/EIMA 99-A-2025-202x, Standard for Exterior Insulation and Finish Systems (EIFS) and EIFS with Drainage (revision of ANSI/EIMA 99A-2017)
Stakeholders: Stakeholders will include manufacturers/producers, applicators/users, distributors of EIFS and EIFS with Drainage systems, architects, engineers, consultants, building contractors, construction managers, design/build firms, building owners and managers, trade associations, building code officials, test laboratories, construction product manufacturers and members of academia

Project Need: The proposed revisions add recent EIFS and EIFS with Drainage product advancements and innovations, such as types of insulation and board and finishes that are not currently reflected in ANSI/EIMA 99-A-2017.

Interest Categories: The interest categories will include a balance of users, general interest, and producers from the identified list of stakeholders.

The standard identifies minimum requirements for the specification and installation of Exterior Insulation and Finish Systems (EIFS) and EIFS with Drainage. The standard will not be submitted for consideration as an ISO, IEC, ISO/IEC JTC-1 standard.

FCI (Fluid Controls Institute)

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Revision

BSR/FCI 70-2-202x, Standard for Control Valve Seat Leakage Testing (revision of ANSI/FCI 70-2-2021)
Stakeholders: Manufacturers, Users and Specifiers of control valves

Project Need: Industry needs a standard to eliminate present misunderstandings and to assist and guide those people involved in the specification, use, or manufacture of control valves.

Interest Categories: General Interest, Users, Producers

This standard establishes a series of seat leakage classes for control valves and defines production test procedures.

FCI (Fluid Controls Institute)

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Revision

BSR/FCI 99-3-202x, Back Pressure Regulator Capacity (revision of ANSI/FCI 99-3-2020)
Stakeholders: Manufacturers, Users and Specifiers of back pressure regulators

Project Need: Industry needs a standard to provide a test methodology for measuring and reporting the capacity of direct acting back pressure regulators.

Interest Categories: General Interest, Producers, Users

This standard creates a guideline for establishing and reporting back pressure regulator capacities for use by manufacturers, users, specifiers, and approval bodies in order to promote consistent presentation of back pressure regulator capacities.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1218-202x, Guide for Maintenance of Wood Transmission and Distribution Line Structures (new standard)
Stakeholders: Utility pole owners, third-party attachment entities, utility service consumers, environmental

Project Need: The wood pole plant represents a very large asset of most utilities. It is important to properly manage and maintain the system because it is a major investment, it is the delivery system for the utility's product, and it represents vast exposure to the public with inherent liabilities. Protecting the system’s strength and durability enables it to support its designed load. The purpose of inspection, which does not include application of preservatives, is to evaluate the condition of individual wood structures in view of NESC, local, and utility specific requirements. Noncompliance with the inspection requirements of the NESC (1) puts a pole owner at a tremendous legal disadvantage. Serious injury or death caused by a decayed pole failing will very likely mean a much larger judgment against the pole owner if the code inspection requirements have not been met. To summarize the need for this project: Improving and maintaining safety standards; Improving system reliability and resiliency; Reducing legal obligations and liabilities; Improving system management; Extending serviceable life of facilities; Reducing overall costs ...

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 general guidance for maintaining wood poles and wood structures. The guidelines are based on sound asset management and engineering principles, safety considerations, and decades of field experience by many utilities. Included are technical explanations as required to cover: inspection of wood structures and attachments; supplemental preservative treatments; methods of restoring strength to pole sections weakened by decay, insects, woodpeckers and mechanical or other damage; and wood structure system management.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1427-202x, Guide for Recommended Electrical Clearances and Insulation Levels in Air-Insulated Electrical Power Substations (new standard)
Stakeholders: Utilities and consultant companies that are involved with designing high-voltage electrical power substations.

Project Need: To provide updates and improvements to the texts and references in the 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 guide covers three-phase alternating current (ac) systems from 1 kV to 800 kV. The guide provides recommended electrical operating, safety clearances, and insulation levels in air-insulated electric supply substations. The guide addresses insulation coordination procedures and provides design procedures for the selection and coordination of the insulation levels within the station as they relate to substation clearances. Furthermore, the guide addresses how reduced clearances in high voltage ac substations allow for compact bus arrangements and substation voltage uprating applications. This guide addresses insulation coordination procedures, including the choice of insulation levels and arrester specification, in limited detail and only as relevant to clearance requirements. Detailed and expanded coverage of insulation coordination procedures is provided in other ANSI and IEEE guides and standards (see Clause 2). This guide focuses on open-air bus assemblies and configurations and excludes apparatus clearances (i.e., bushing clearances for transformers, and breakers). Detailed coverage of apparatus clearances is provided in other applicable guides and standards.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 1584-202x, Guide for Performing Arc-Flash Hazard Calculations (new standard)
Stakeholders: Operators of facilities who need to provide better protection from the arc-flash hazard for their employees and contractors employees. Consultants who perform arc-flash hazard calculation studies will be able to provide more accurate results to their clients.

Project Need: Since the Guide was issued ten years ago, thousands of studies have been performed based on this Guide. The experience gained by performing these studies will now be considered for inclusion in this revision.

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 calculation models and analytical processes for determining the predicted incident thermal energy and the arc-flash boundary. The guide covers electrical equipment and conductors for three-phase alternating current (ac) systems with nominal voltages ranging from 208 V to 15 kV. However, this guide does not include calculations for single-phase ac systems, direct current (dc) systems, short circuit or overcurrent protective device coordination studies, or recommendations for personal protective equipment (PPE).

IEEE (Institute of Electrical and Electronics Engineers)

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Revision

BSR/IEEE 1591.2-202x, Standard for Testing and Performance of Hardware for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable (revision of ANSI/IEEE 1591.2-2017)
Stakeholders: Manufacturers, installers, Power & telecommunication utilities, consultants, and government agencies.

Project Need: Revision to the existing IEEE Std 1591.2 -2017 standard in accordance with the maintenance cycle. There have been many installations of ADSS (All Dielectric Self Supporting Fiber Optic Cables) around the world since 2017. The knowledge gained in specifying hardware for ADSS installation will be applied in the new revision.

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 the construction, mechanical and electrical performance, test requirements, environmental considerations, and acceptance criteria for qualifying hardware for use with All-Dielectric Self-Supporting (ADSS) fiber optic cable.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 2030.7-202x, Standard for the Specification of Microgrid Controllers (new standard)
Stakeholders: Stakeholders include vendors and manufacturers, transmission and distribution system operators, independent system operators, independent microgrid operators (industrial, commercial and community microgrids) and in general entities participating in the capacity, energy, power and ancillary services markets.

Project Need: The standard assists microgrid vendors, DER aggregators and users (utilities, independent microgrid operators) and related assets to specify and configure microgrid controllers using a standardized approach for the functional specification.

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 technical specifications and requirements for microgrid controllers. Additionally, the standard provides informative annexes covering the description of the microgrid, the establishment of the functional specification, the structure of the microgrid control functions, and a bibliography. The standard defines the functional specifications of the controller that are common to all microgrids, configuration or jurisdiction, and the control approaches implemented by the microgrid operator to control assets and allow interaction with the electric power system.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 2664a-202x, IEEE Standard for Streaming Telemetry Transport Protocol (STTP) - Amendment: Add a File Format for Off-Line Exchange of Information Using the Same Structures as the On-Line Exchange (new standard)
Stakeholders: Equipment vendors, electric utilities, reliability coordinators, system integrators, universities, software designers

Project Need: Existing protocols used for power system streaming applications are not well suited for large datasets. Shortcomings include: message fragmentation that is left to the underlying protocol which can result in excessive data loss or poor bandwidth utilization; lack of support for on-line subscription for specific measurement values; lack of built-in security options; and options that do not fully support the needs of emerging applications. As power systems increase real-time streaming data exchanges to support operation and analysis applications by different classes of users, a scalable protocol that addresses these communication requirements is needed. Research into data sharing practices at utilities has determined that the lack of a standardized request or response format for synchrophasor data results in costly and inefficient processing for requesting data, preparing the response to the request, and the processing of received data. Current practices and procedures are ad hoc and differ greatly between requesting and responding organizations, resulting in custom data formatting and processing for each request. By documenting a consistent mechanism for requesting synchrophasor data and an associated file format for returning the requested data, standardized processing for both requesting and responding to requests will make the data sharing process more consistent, efficient, and straightforward. Additionally, commercial products that implement the standard can further stre...

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 a protocol with built-in security and lossless data compression options for efficient transport of streaming power system data over Internet Protocol (IP) communication systems. It specifies data and control methods and uses a publish-subscribe architecture for controlled signal-level data access. This standard incorporates open source material hosted on the IEEE SA Open Source platform.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 2746-202x, Recommended Practice for Evaluating Alternating Current (ac) Interference on Linear Facilities Co-Located Near Power Lines (new standard)
Stakeholders: Electric utilities, consultants, pipeline owner/operators, railroad owners/operators

Project Need: The 2020 version of this document has been available for a few years. In that time, the working group has received feedback that more details and more recommendations would be useful from members of electric utilities, consultants, and those in the pipeline industry. This revision will upgrade the document from a guide to a recommended practice and add more specific recommendations for use by the industry.

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 identifies the mechanisms and analytical approach for evaluating possible alternating current (ac) interference effects on conductive linear facilities due to the operation of co-located electric power lines. The common mechanisms for ac interference, including magnetic inductive coupling, capacitive coupling, and conductive voltage transfer through soil are discussed. Included are general recommendations, compliance limits, and considerations for performing detailed ac interference analyses, with sections specific to the examination of co-located pipelines, railroads, fences, and other power lines.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3580-202x, Standard for Current and Voltage Sensors over 1 kV to 72.5 kV (new standard)
Stakeholders: Power Utilities, Manufacturers, Power Consumers, Consulting Firms, Regulators & Government Entities, Testing Labs, Educational Institutions.

Project Need: The industry has been using many types of Low Energy Analog (LEA) current and voltage sensors without a device standard, which has led to a wide variety of performance characteristics. This standard will provide manufacturers and users with additional guidance, based on best practices and relevant performance requirements, to ensure proper device functionality, safety, and reliability. This standard prescribes the various type tests and routine tests that shall be performed on these sensors.

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 a basis for performance evaluation of medium-voltage (1 kV to 72.5 kV) current and voltage sensors. The standard assists in the proper selection of such equipment. This standard covers relevant electrical and mechanical characteristics of voltage, current, and combination (voltage and current) sensors of various active and passive technologies used in the measurement of electricity and the control of equipment associated with medium-voltage alternating current feeders. It also prescribes the various type tests and routine tests on these sensors. The standard applies to Low Energy Analog (LEA) non-optical sensors, and sensors that connect to another device up to the point of connection with an Intelligent Electronic Device (IED).

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE 3597-202x, Standard for Interfacing of Controls and Protection to Power System Simulation Tools (new standard)
Stakeholders: Stakeholders for the standard include power system device manufacturers including manufacturers of relays, high voltage direct current (HVDC) systems, wind, solar, battery energy storage (BESS), and static synchronous compensator (STATCOM) systems, electric utilities, power system operators, consultants, and simulation tool developers.

Project Need: Interfacing of power system digital controllers is currently a manual process that differs for each simulation tool - this leads to inaccuracies, lack of consistency and compatibility problems between simulation tools, versions of each tool, and related compilers. This effort will standardize interfacing of power system control and protection devices to resolve these existing problems. This is relevant and important due to the increased penetration of renewable energy converter-based resources (wind, solar, battery energy storage) and related power electronic devices in the modern power 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 standard defines a method for interfacing digital control and protection devices to Electro Magnetic Transients (EMT) and transient stability power system simulation tools. It includes interfacing to control and protection code from equipment manufacturers, but also applies to development of generic models, and can apply to both offline and real-time simulation tools.

IEEE (Institute of Electrical and Electronics Engineers)

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New Standard

BSR/IEEE C37.101-202x, Guide for Generator Stator Ground Fault Protection (new standard)
Stakeholders: Owners of generator assets, consultants, regulators, system operators.

Project Need: This PAR's intent is to incorporate advancements in technology and ground detection techniques into the guide. Additionally the PAR will support efforts to make the guide easier to use.

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

The guide assists protection engineers in applying relays and relaying schemes for stator ground faults on generators with various grounding methods. Application examples and implementation issues are included and addressed by this guide. The guide is not intended for the selection of generator ground connection methods. The guidance provided pertains to typical generator installations. However, the guide provides sufficient background information relating to protection requirements, applications, and setting philosophy to enable the reader to select and apply suitable protection for most situations.

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

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National Adoption

INCITS/ISO/IEC 19777-3:2025 [202x], Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) language bindings - Part 3: C (identical national adoption of ISO/IEC 19777-3:2025)
Stakeholders: ICT Industry

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

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

This document specifies a C language binding interface for the ISO/IEC 19775-1 Extensible 3D standard. This document specifies a language-dependent layer for the C language, providing an implementation-independent way of accessing the browser capabilities through the C language.

NAAMM (National Association of Architectural Metal Manufacturers)

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Revision

BSR/NAAMM HMMA 841-2X-202x, Tolerances and Clearances for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 841-2013 (R2019))
Stakeholders: Engineers, Architects, and members of the Hollow Metal industry.

Project Need: This standard addresses the tolerances and clearances of commercial hollow metal doors and frames. This standard contains advisory information only, and is published as a public service by NAAMM and its HMMA Division. Supporting technical information may have changed since the last issuance of this standard, as have the ANSI Essential Requirements. This revision will address these changes as well as any other modifications that arise during the revision process.

Interest Categories: Producers: An individual or entity that manufactures architectural metal products. Users: Both individuals and representatives of organized groups that purchase, use, or specify architectural metal products. General Interest: This category includes, but is not limited to, inspectors, technical societies, regulatory agencies (state and federal), researchers, and educators.

This standard has been scheduled for revision by the HMMA Division of NAAMM to provide opinions and guidance regarding tolerances and clearances of commercial hollow metal doors and frames.

NAAMM (National Association of Architectural Metal Manufacturers)

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Revision

BSR/NAAMM HMMA 866-202X, Guide Specifications for Stainless Steel Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 866-2012 (R2018))
Stakeholders: Engineers, Architects, and members of the Hollow Metal industry.

Project Need: This standard addresses the specification and use of stainless-steel hollow metal doors and frames. This standard contains advisory information only, and is published as a public service by NAAMM and its HMMA Division. Several industry references have changed since the last issuance of this standard, as well as as the ANSI Essential Requirements.

Interest Categories: Producers: An individual or entity that manufactures architectural metal products:
Users: Both individuals and representatives of organized groups that purchase, use, or specify architectural metal products.
General Interest: This category includes, but is not limited to, inspectors, technical societies, regulatory agencies (state and federal), researchers, and educators.

This standard is being revised by the HMMA Division of NAAMM to provide opinion and guidance regarding the specification and application of stainless-steel hollow metal doors and frames.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 273-1 202x, Generic Access Platform (GAP) Enclosure Specification (revision of ANSI/SCTE 273-1-2021)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, General Interest

The Generic Access Platform (GAP) defines a mechanical enclosure that supports and protects internal electrical and mechanical components. This specification provides mechanical and electrical requirements to enable consistent manufacturing of the enclosure by multiple vendors. It defines external attributes such as mounting features, ports, materials, environmental protection, and thermal capabilities, as well as internal interfaces for modular components. The goal is to support integration of current and future technologies without redefining them, focusing solely on enabling their physical housing. Examples of supported configurations include a DOCSIS® Remote PHY node with RPD and RF amplifier modules, or a DOCSIS-backhauled small cell radio with integrated cable modem and transceiver modules. In these cases, each module complies with its own standard, while the GAP Enclosure serves as a common mechanical platform.
The enclosure is divided into two subassemblies: a Base and a Lid, each supporting corresponding modules. The design supports high-frequency operation, compliant with DOCSIS 4.0 up to 1794 MHz, and is capable of future expansion up to 3000 MHz, subject to the performance of installed components.
This specification aims to ensure interoperability, modularity, and future scalability in broadband access deployments.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 273-2 202x, Generic Access Platform (GAP) Module Specification (revision of ANSI/SCTE 273-2-2021)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, General Interest

The Generic Access Platform (GAP) defines a mechanical enclosure that supports and protects internal electrical and mechanical components. It specifies internal and external mechanical features to support modular components and ensure compatibility across various manufacturers. The GAP specification is designed to accommodate a wide range of current and future technologies without redefining them, providing a standardized physical platform for integration.

Example applications include a DOCSIS® Remote PHY node with RPD and RF amplifier modules, or a DOCSIS-backhauled small-cell radio with a cable modem and radio transceiver module. Each module adheres to its own standards, while the GAP Enclosure provides the physical infrastructure for modular deployment.
This GAP Modules specification defines requirements for interoperable modules, covering physical dimensions, connector formats, tolerances, screw locations, materials, environmental and thermal performance, power delivery, connector pinouts, and inter-module communications. Special module types, including Power Supply and RF Port Entry Modules, are also addressed.

The enclosure supports operation up to 3000 MHz, aligning with DOCSIS 4.0 (up to 1794 MHz) and future bandwidth needs. Actual performance is dependent on the installed components. The GAP platform facilitates modular, scalable, and standards-compliant broadband deployments.

SFIA (Steel Framing Industry Association)

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New Standard

BSR/SFIA AISI S925-202x, Test Standard for Determining the Flexural Strength and Stiffness of Cold-Formed Steel Structural Members (new standard)

Stakeholders: Cold-formed steel framing industry

Project Need: A test standard for nonstructural cold-formed steel members already exists (AISI S919) and we'd like to create a similar test standard but for structural members.

Interest Categories: Producer, User, General Interest

The Steel Framing Industry Association Standards Committee will develop this Standard to provide a test method for determining the flexural strength and stiffness of cold-formed steel structural members.

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: July 27, 2025

GBI (Green Building Initiative)

PO Box 80010, Portland, 97280 | emarx@thegbi.org, www.thegbi.org

Revision

BSR/GBI 02-202X, Green Globes Assessment Protocol for Existing Buildings (revision of ANSI/GBI 02-2023)
The standard includes criteria and practices for resource-efficient, healthy, resilient, and environmentally preferable construction of commercial existing buildings. Six areas of green building design will be included: environmental, social, and governance management; site; energy; water; materials; and indoor environment quality.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Emily Marx, 971-256-7167, comment@thegbi.org

NSF (NSF International)

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

Revision

BSR/NSF 53-202x (i163r2), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2024)
The POU and POE systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to reduce substances that are considered established or potential health hazards.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

Comment Deadline: July 27, 2025

NSF (NSF International)

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

Revision

BSR/NSF/CAN 61-202x (i182r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2024)
This standard is intended to cover specific materials or products that come into contact with: drinking water, drinking water treatment chemicals, or both. The focus of the standard is evaluation of contaminants or impurities imparted indirectly to drinking water.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: ajump@nsf.org

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 325-202x, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2023)
The following proposal is being recirculated for review: Battery Powered Applications
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/Home/ProposalsDefault.aspx."

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1598C-202x, Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits (revision of ANSI/UL 1598C -2023)
Proposed revision to edition 2 of UL 1598C, which includes the following change in requirements: (1) Type A / B Lamp Retrofits
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: August 11, 2025

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 195-202x, Standard for Scene Response: Initial Response by Scene Investigators (new standard)
This document provides requirements for the activities and actions of an individual, however named, who is responsible for performing elements of a scene investigation, when responding to a scene, and the steps to be completed prior to conducting a scene search.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: August 11, 2025

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 037-202x, Standard for Reporting and Testimony of Forensic Toxicology Results and Opinions (revision of ANSI/ASB Std 037-2019)
This document establishes the requirements for reporting and testimony of forensic toxicology results and opinions. Specifically, it is intended for the subdisciplines of human performance toxicology (e.g., driving-under-the-influence of alcohol (to include breath alcohol), or drugs and drug-facilitated crimes), postmortem forensic toxicology, non-regulated employment drug testing, court-ordered toxicology (e.g., probation and parole, drug courts, child services), and general forensic toxicology (e.g., non-lethal poisonings or intoxications). The document does not apply to the reporting of breath alcohol subject testing results and breath alcohol calibration results.
Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: https://www.aafs.org/academy-standards-board
Send comments (copy psa@ansi.org) to: asb@aafs.org

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

Revision

BSR/AHRI Standard 810-202x (SI/I-P), Performance Rating of Automatic Commercial Ice-Makers (revision of ANSI/AHRI Standard 810-2023 (SI/I-P))
This standard establishes definitions, test requirements, rating requirements, minimum data requirements for published ratings, marking and nameplate data, and conformance conditions for automatic commercial ice-makers.
Single copy price: Free
Obtain an electronic copy from: https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.100-189-2019 (R202x), Savings Bond Paying Agent Virtual Stamp (reaffirmation of ANSI X9.100-189 -2019)
This standard defines a virtual paying agent stamp for Savings Bonds. When a Savings Bond is redeemed, it is hand stamped with a paying agent stamp and the redemption amount and redemption date is hand written on the face of the bond. A virtual stamp would eliminate the manual process of hand stamping the item. A standard to define the requirements of a virtual stamp will ensure the placement, font size, and data elements of the data provided are consistent and appropriate, and will not obscure important data on the bond.
Single copy price: Free
Obtain an electronic copy from: ambria.calloway@x9.org
Send comments (copy psa@ansi.org) to: ambria.calloway@x9.org

Comment Deadline: August 11, 2025

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

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

New Standard

BSR/ASHRAE Standard 223-202x, Semantic Data Model for Analytics and Automation Applications in Buildings (new standard)
The purpose of Standard 223-202x is to define formal knowledge concepts and a methodology to apply them to create interoperable, machine-readable semantic frameworks for representing building automation and control data and other building system information.
Single copy price: Free
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME NM.1-202x, Thermoplastic Piping Systems (revision of ANSI/ASME NM.1-2022)
(a) This standard prescribes requirements for the design, materials, fabrication, erection, examination, testing, and inspection of thermoplastic piping systems; (b) Thermoplastic piping as used in this standard includes pipe, flanges, bolting, gaskets, valves, fittings, special connecting components, and the pressure-containing portions of other piping components, whether manufactured in accordance with Standards referenced in this standard or specially designed. It also includes hangers and supports and other equipment items necessary to prevent overstressing the pressure-containing components.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Jihoon Oh

AVIXA (Audiovisual and Integrated Experience Association)

11242 Waples Mill Road, Suite 200, Fairfax, VA 22030 | lovercash@avixa.org, www.avixa.org

New Standard

BSR/AVIXA A104.01-202x, Dynamic Range in Listener Areas (new standard)
The challenges of maximizing dynamic range have shifted with broader incorporation of digital processing in system(s). This performance standard contains a method that defines criteria for pass/fail of system(s). It establishes a method that will assess the dynamic range of the acoustic and electronic components of a system. This is accomplished by measuring the noise level with the system on and off and measuring the maximum sound-pressure level of the early arriving sound from the loudspeaker system(s) throughout the designated listener area(s) conforming to the design requirement.
Single copy price: $30.00
Obtain an electronic copy from: lovercash@avixa.org
Send comments (copy psa@ansi.org) to: standards@avixa.org

Comment Deadline: August 11, 2025

AWS (American Welding Society)

8669 NW 36th Street #130, Miami, FL 33166 | jpadron@aws.org, www.aws.org

Revision

BSR/AWS B2.1/B2.1M-202x, Specification for Welding Procedure and Performance Qualification (revision of ANSI/AWS B2.1/B2.1M-2021)
This specification provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are electrogas welding, electron beamwelding, electroslagwelding, flux-cored arcwelding, gas-metal arcwelding, gas tungsten arcwelding, laser beamwelding, oxyfuel gaswelding, plasma arcwelding, shielded-metal arcwelding, stud arcwelding, and submerged arcwelding. Basemetals, fillermetals, qualification variables, welding designs, and testing requirements are also included.
Single copy price: $168.50
Obtain an electronic copy from: jpadron@aws.org
Send comments (copy psa@ansi.org) to: Save

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

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

Reaffirmation

BSR/ASSE Series 9000-2015 (R202x), Firestop Systems and Smoke-Limiting Materials for Piping Systems (reaffirmation of ANSI/ASSE Series 9000-2015 (R2020))
This standard establishes minimum requirements for the training and qualification of installers of firestop systems and smoke-limiting materials for mechanical piping systems. The purpose of this standard is to provide minimum performance criteria for ASSE Standard 9010 Qualified Installers of Firestop Systems and Smoke-Limiting Materials for Mechanical Piping Systems.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: Save

LIA (Z136 SDC) (The Laser Institute)

12001 Research Parkway, Suite 210, Orlando, FL 32828 | jmccormack@lia.org, www.laserinstitute.org

Reaffirmation

BSR Z136.6-2015 (R202x), Safe Use of Lasers Outdoors (reaffirmation of ANSI Z136.6-2015)
This standard provides guidance for the safe use of potentially hazardous lasers and laser systems in an outdoor environment. It also provides guidance for controlling disability glare from exposure to non-injurious levels of visible laser light, which might interfere with sensitive or critical tasks, and guidance for the manufacturers of these open-beam laser systems.
Single copy price: $30.00
Obtain an electronic copy from: https://www.lia.org/store/bsrz1366-202x-cdv1-public-review-1-june-2025
Send comments (copy psa@ansi.org) to: jmccormack@lia.org

Comment Deadline: August 11, 2025

NENA (National Emergency Number Association)

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

Revision

BSR/NENA STA-006.3-202x, NENA Standard for NG9-1-1 GIS Data Model (revision of ANSI/NENA STA-006.2 -2022)
This work will review and update the current NENA Standard for NG9-1-1 GIS Data Model to resolve discrepancies between the GIS Data Model and NENA-STA-010.3, NENA i3 Standard for Next Generation 9-1-1. It will also address additional requirements identified by other NENA Working Groups (i.e., CLDXF v2, CLDXF-CA, 3D GIS Requirements) that are needed to support the requirements of their documents. These changes are needed for NG9-1-1 to operate seamlessly and be interoperable with all agencies and responders across the US and Canada.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=37211&wg_id=cbe73ed9-8e96-475c-8a77-340dc6682b79
Send comments (copy psa@ansi.org) to: Same

NENA (National Emergency Number Association)

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

Revision

BSR/NENA STA-011.2-202x, NENA Standards for 9-1-1 Professional Education (revision and redesignation of ANSI/NENA STA-011.1-2021)
Currently, there is no standard guidance for colleges or universities that seek to develop degree programs for Public Safety Telecommunicators. Further, there are few if any programs that focus on training persons with the required knowledge to work on 9-1-1 Systems. With the increased attention in both areas, the increase of training standards and the need to ensure the 9-1-1 industry has a reliable work force both for PSAP operations and to manage, design, construct and maintain the 9-1-1 system and its many components, the opportunity exists for NENA to provide critically important guidance to those institutions interested in starting such programs.
Single copy price: Free
Obtain an electronic copy from: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=37235&wg_id=7f25e42e-de2f-4b22-a2a1-08407fb96049
Send comments (copy psa@ansi.org) to: Download and submit comments at https://dev.nena.org/higherlogic/ws/public/document?document_id=37235&wg_id=7f25e42e-de2f-4b22-a2a1-08407fb96049

Comment Deadline: August 11, 2025

RESOLVE (Resolve, Inc.)

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

New Standard

BSR/RESOLVE RES-001-202x, Reusable packaging system design standard: Container design and performance (new standard)
This standard specifies design requirements and recommendations for reusable packaging that is intended to be part of a returnable packaging system. The standard covers packaging design aspects, including materials, durability, labeling, digital tagging, and other aspects, that enable the packaging to be part of a system of shared return points, transport, and washing infrastructure. This standard is only applicable to primary packaging that comes into direct contact with a product and consumer. This standard is not applicable to secondary or tertiary packaging, such as e-commerce boxes or sleeves or business-to-business packaging.
Single copy price: Free
Obtain an electronic copy from: https://www.pr3standards.org/s/Container-Recirculation-Ballot_redline.pdf
Send comments (copy psa@ansi.org) to: https://docs.google.com/forms/d/e/1FAIpQLSe7UyqhKVLYZy7yDAXhUqoIoIjTUSIpR1iF-kp4DVVUBDnjLw/viewform?usp=sharing&ouid=116830415610967960918

TIA (Telecommunications Industry Association)

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

Reaffirmation

BSR/TIA 1152-A-2016 (R202x), Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling (reaffirmation of ANSI/TIA 1152-A-2016 (R2021))
Reaffirm ANSI/TIA-1152-2009 as determined in TIA TR-42.7, incorporating new specifications and other information as required to support field testing of cabling described in ANSI/TIA-568-C.2-1. Entire document is open for comment.
Single copy price: $141.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 606-E-202x, Administration Standard for Telecommunications Infrastructures (revision and redesignation of ANSI/TIA 606-D-2021)
This Standard specifies administration systems for telecommunications infrastructure within buildings (including commercial, industrial, residential, and data center premises) and between buildings. This infrastructure may range in size from a building requiring a single telecommunications space (TS) and associated elements, to many TSs and associated elements in multiple campus locations. This Standard applies to administration of telecommunications infrastructure in existing, renovated, and new buildings. The entire document is open for comment.
Single copy price: $212.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 11, 2025

ULSE (UL Standards and Engagement)
12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 248-11-2011 (R202x), Standard for Low-Voltage Fuses - Part 11: Plug Fuses (reaffirmation of ANSI/UL 248-11-2011 (R2020))
(1) Reaffirmation and continuance of the 3rd Edition of the Standard for Low-Voltage Fuses – Part 11: Plug Fuses, UL 248-11, as an standard.
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)
47173 Benicia Street, Fremont, CA 94538 | Linda.L.Phinney@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 814-2011 (R202x), Standard for Safety for Gas-Tube-Sign Cable (reaffirmation of ANSI/UL 814-2011 (R2020))
Reaffirmation of UL 814.
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 | Adam.Payrot@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 1062-2020 (R202x), Standard for Safety for Unit Substations (reaffirmation of ANSI/UL 1062-2020)
Reaffirmation and continuance of the 3rd Edition of the Standard for Unit Substations, UL 1062, as an standard.
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 | marina.currie@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 60065 (R202x), Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (reaffirmation of ANSI/UL 2021-2021)
Reaffirmation and continuance of the 8th Edition of the Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements, UL 60065, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Comment Deadline: August 11, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 234-202x, Standard for Safety for Low Voltage Lighting Fixtures for Use in Recreational Vehicles (revision of ANSI/UL 234-2015 (R2020))
This proposal for UL 234 covers: (1) Withdrawal and replacement of ANSI/ISA MC96.1.
Single copy price: Free
Obtain an electronic copy 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)

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

Revision

BSR/UL 514D-202x, Standard for Cover Plates for Flush-Mounted Wiring Devices (revision of ANSI/UL 514D -2023)
Editorial changes to align with CSA balloted new edition for UL 514D
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area "https://csds.ul.com/ProposalAvailable"

ULSE (UL Standards and Engagement)

47173 Benicia Street, Fremont, CA 94538 | Linda.L.Phinney@ul.org, https://ulse.org/

Revision

BSR/UL 758-202X, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2024)
(1) Annealed Copper Wire, Revised Table 5.3; (2) Addition of Nickel Copper Alloy as a Temperature Limit for the Metal 200°C, Revised Table 5.3; (3) Conductor Strand Size, Revised Table 5.3; (4) Location of Marker Tape, Revised 50.1; (5) Editorial Correction to 50.3; Marking Interval for Surface Marking, Revised 50.4; (6) Allowance of Laser Print Markings on Non-Extruded Insulation or Cover Which is Outermost Layer, Revised 50.1; (7) Resistivity Requirements for Smaller Sized Tinned Copper Conductor, Revised Table 5.3; (8) Temperature Test for Heat Shock, Revised Table 22.1.
Single copy price: Free
Obtain an electronic copy from: https://www.shopulstandards.com/

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

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000, Evanston, IL 60201 | Megan.M.VanHeirseele@ul.org, https://ulse.org/

Revision

BSR/UL 9540A-202x, Standard for Safety for Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems (revision of ANSI/UL 9540A-2025)
(1) Revision of Installation Level Testing to update requirements for large-scale fire testing.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: August 26, 2025

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 IAM-1-202x, Investment Analysis Guidelines for Manufacturing (new standard)
This Guide provides methods to assist manufacturers of any size in making investment decisions for capital and processes. It also provides a reference for economic decision making (e.g., selecting projects with the best economics).
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Donnie Alonzo

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 VVUQ 50.1-202x, Guide to a Model Life Cycle Approach that Incorporates Verification, Validation, and Uncertainty Quantification (new standard)
This document provides a guide to the life cycle of a computational model from an engineering perspective, with particular reference to the associated verification and validation processes.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1246-202x, Guide for Temporary Protective Grounding Systems Used in Substations (new standard)
The design, performance, use, testing, and installation of temporary protective grounding systems, including the connection points, as used in permanent and mobile substations, are covered in this guide.
Single copy price: $92.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-1246-2025?product_id=2563959&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_BwE
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

Comment Deadline: August 26, 2025

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1679.1-202x, Guide for the Characterization and Evaluation of Lithium-Based Batteries in Stationary Applications (new standard)
Guidance for an objective evaluation of lithium-based energy storage technologies by a potential user for any stationary application is provided in this document. IEEE Std 1679-2020, IEEE Recommended Practice for the Characterization and Evaluation of Energy Storage Technologies in Stationary Applications is to be used in conjunction with this document. Secondary (rechargeable) electro-chemistries with lithium ions as the active species exchanged between the electrodes during charging and discharging are included in the category of lithium-based batteries for the purposes of this document. Lithium-ion, lithium-ion polymer, and lithium-sulfur batteries are examples of secondary lithium-based batteries. Emerging solid-state lithium technologies are also discussed. Primary (non-rechargeable) lithium batteries are beyond the scope of this document. A technology description, information on aging and failure modes, a discussion on safety issues, evaluation techniques, and regulatory issues are provided in this document. Sizing, installation, maintenance, and testing techniques are not covered, except insofar as they may influence the evaluation of a lithium-based battery for its intended application.
Single copy price: $82.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-1679-1-2025?product_id=2908264&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_BwE
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1936.5-202x, Standard Technical Requirements for Intelligent Hangar Housing Unmanned Aircraft Systems Used for Power Grid Inspection (new standard)
Unmanned aircraft systems (UAS) are gradually becoming common tools for power grid inspections. With the increasing use of UAS, intelligent hangars have emerged. The requirements for the hangar architecture, functionality, performance characteristics, environmental monitoring and management, and storage for grid inspection Unmanned Aircraft Systems (UAS) are specified in this standard. Requirements for batteries used in UAS, and information management systems for UAS hangar operations are also defined.
Single copy price: $58.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-1936-5-2025?product_id=2919060&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_BwE
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

Comment Deadline: August 26, 2025

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1937.12-202x, Standard for Technical Requirements for Emergency Cellular Communication System Based on Fixed-Wing Unmanned Aircraft System (new standard)
The basic operation requirements and air-to-ground channel model of emergency cellular communication system based on large fixed-wing unmanned aircraft system are presented. The requirements are described in six categories: system architecture, UAV platform requirements, airborne emergency base station requirements, airborne satellite communication requirements and system operation requirements. Airborne emergency base station requirements include basic requirements, limited access capability requirements, capacity requirements, back-haul link requirements and reliability. The requirements of airborne satellite communication include technical index requirements, physical characteristic requirements, electrical characteristic requirements, reliability requirements, interface requirements and ground station requirements. Last but not least, system operation requirements refer to business requirements, business continuity requirements, and business continuous coverage area requirements.
Single copy price: $58.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-1937-12-2025?product_id=2922056&sid=goog&gad_source=1&gclid=CjwKCAjwyo60BhBiEiwAHmVLJYrGTkHPArzgPBhd3oDtLIAR3qyZeE5krirxYYJoH6xzshUOq7gg3hoCOVwQAvD_BwE
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: s.merten@ieee.org

Final Actions on American National Standards

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

ABYC (American Boat and Yacht Council)

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

ANSI/ABYC A-14-2025, Gasoline (Petrol) and Propane Gas Detection Systems (revision of ANSI/ABYC A-14-2020) Final Action Date: 6/17/2025 | *Revision*

ANSI/ABYC E-13-2025, Lithium Ion Batteries (revision of ANSI/ABYC E-13-2022) Final Action Date: 6/18/2025 | *Revision*

ANSI/ABYC H-22-2025, Electric Bilge Pump Systems (revision of ANSI/ABYC H-22-2020) Final Action Date: 6/17/2025 | *Revision*

ANSI/ABYC H-31-2025, Seat Structures (revision of ANSI/ABYC H-31-2020) Final Action Date: 6/17/2025 | *Revision*

ASA (ASC S3) (Acoustical Society of America)

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

ANSI/ASA S3.7-2016 (R2025), Standard Method for Measurement and Calibration of Earphones (reaffirmation of ANSI/ASA S3.7-2016 (R2020)) Final Action Date: 6/17/2025 | *Reaffirmation*

ANSI/ASA S3.55-2015/Part 3/IEC 60318-3:2015 (R2025), Standard Electroacoustics - Simulators of Human Head and Ear - Part 3: Acoustic Coupler for the Calibration of Supra-aural Earphones Used in Audiometry (a Nationally Adopted International Standard) (reaffirm a national adoption ANSI/ASA S3.55-2015/Part 3/IEC 60318-3:2015 (R2020)) Final Action Date: 6/17/2025 | *Reaffirmation*

ASABE (American Society of Agricultural and Biological Engineers)

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

ANSI/ASABE/ISO 14269-3-1997 SEP2006 (R2025), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 3: Determination of effect of solar heating (reaffirm a national adoption ANSI/ASABE/ISO 14269-3-SEP2006 (R2020)) Final Action Date: 6/17/2025 | *Reaffirmation*

ANSI/ASABE/ISO 3776-3-2009 OCT2015 (R2025), Tractors and machinery for agriculture - Seat belts - Part 3: Requirements for assemblies (reaffirm a national adoption ANSI/ASABE/ISO 3776-3-2009 OCT2015 (R2019)) Final Action Date: 6/17/2025 | *Reaffirmation*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME Y14.6-2001 (R2025), Screw Thread Representation (reaffirmation of ANSI/ASME Y14.6-2001 (R2018)) Final Action Date: 6/17/2025 | *Reaffirmation*

ANSI/ASME Y14.31-2014 (R2025), Undimensioned Drawings (reaffirmation of ANSI/ASME Y14.31-2014 (R2019)) Final Action Date: 6/17/2025 | *Reaffirmation*

ANSI/ASME B31.9-2025, Building Services Piping (revision of ANSI/ASME B31.9-2020) Final Action Date: 6/17/2025 | *Revision*

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 364-31G-2025, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31F-2019) Final Action Date: 6/17/2025 | *Revision*

ANSI/EIA 364-66B-2025, EMI Shielding Effectiveness Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-66A-2000 (R2019)) Final Action Date: 6/17/2025 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE C57.12.40-2025, 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 C57.12.40-2017) Final Action Date: 6/17/2025 | *Revision*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 526-2-A-2015 (R2025), Effective Transmitter Output Power Coupled into Single-Mode Fiber Optic Cable - Adoption of IEC 61280-1-1 ed. 2 - Part 1-1: Test Procedures for General Communication Subsystems - Transmitter Output Optical Power Measurement for Single-Mode Optical Fibre Cable (reaffirm a national adoption ANSI/TIA 526-2-A-2015) Final Action Date: 6/17/2025 | *Reaffirmation*

ANSI/TIA 526-28-2021 (R2025), Adoption of IEC 61280-4-5:2020 Fibre-optic Communication Subsystem Test Procedures - Part 4-5: Installed Cabling Plant - Attenuation measurement of MPO Terminated Fibre-optic Cabling Plant Using Test Equipment with MPO Interfaces (reaffirm a national adoption ANSI/TIA 526-28-2021) Final Action Date: 6/17/2025 | *Reaffirmation*

ULSE (UL Standards and Engagement)

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

ANSI/UL 38-2025, Standard for Manual Signaling Boxes for Fire Alarm Systems (revision of ANSI/UL 38-2024) Final Action Date: 6/18/2025 | *Revision*

ANSI/UL 962-2025a, Standard for Safety for Household and Commercial Furnishings (revision of ANSI/UL 962-2025) Final Action Date: 6/18/2025 | *Revision*

ANSI/UL 4248-1-2025, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1 -2022) Final Action Date: 6/18/2025 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ABMA (ASC B3) (American Bearing Manufacturers Association)

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | olson@americanbearings.org, www.americanbearings.org

BSR B3.1-202x, Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Eddy Current Inspection (revision of ANSI B3.1-1992 (S2020])

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 1104-Bxx, Tolerance Specification for Shaper Cutters (revision of ANSI/AGMA 1104-A09 (R2020))

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 810-202x (SI/I-P), Performance Rating of Automatic Commercial Ice-Makers (revision of ANSI/AHRI Standard 810-2023 (SI/I-P))

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 IAM-1-202x, Investment Analysis Guidelines for Manufacturing (new standard)

AWS (American Welding Society)

8669 NW 36th Street #130, Miami, FL 33166 | jpadron@aws.org, www.aws.org

BSR/AWS B2.1/B2.1M-202x, Specification for Welding Procedure and Performance Qualification (revision of ANSI/AWS B2.1/B2.1M-2021)

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 | education@boma.org, www.boma.org

BSR/BOMA Z65.5-2025-202x, BOMA 2025 for Retail Properties Standard Method of Measurement (revision of ANSI/BOMA Z65.5-2020)

ECIA (Electronic Components Industry Association)

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

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

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org

BSR/FCI 70-2-202x, Standard for Control Valve Seat Leakage Testing (revision of ANSI/FCI 70-2-2021)

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | fci@fluidcontrolsinstitute.org, www.fluidcontrolsinstitute.org

BSR/FCI 99-3-202x, Back Pressure Regulator Capacity (revision of ANSI/FCI 99-3-2020)

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

700 K Street NW, Suite 600, Washington DC, DC 20001 | jpowers@itic.org, www.incits.org

INCITS/ISO/IEC 19777-3:2025 [202x], Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) language bindings - Part 3: C (identical national adoption of ISO/IEC 19777 -3:2025)

LIA (Z136 SDC) (The Laser Institute)

12001 Research Parkway, Suite 210, Orlando, FL 32828 | jmccormack@lia.org, www.laserinstitute.org

BSR Z136.6-2015 (R202x), Safe Use of Lasers Outdoors (reaffirmation of ANSI Z136.6-2015)

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM HMMA 841-2X-202x, Tolerances and Clearances for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 841-2013 (R2019))

NAAMM (National Association of Architectural Metal Manufacturers)

1533 Pine Grove Lane, Chesapeake, VA 23321 | ifnaamm@gmail.com, www.naamm.org

BSR/NAAMM HMMA 866-202X, Guide Specifications for Stainless Steel Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 866-2012 (R2018))

NSF (NSF International)

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

BSR/NSF 53-202x (i163r2), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2024)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i182r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2024)

TIA (Telecommunications Industry Association)

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

BSR/TIA 606-E-202x, Administration Standard for Telecommunications Infrastructures (revision and redesignation of ANSI/TIA 606-D-2021)

TIA (Telecommunications Industry Association)

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

BSR/TIA 1152-A-2016 (R202x), Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling (reaffirmation of ANSI/TIA 1152-A-2016 (R2021))

ULSE (UL Standards and Engagement)

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

BSR/UL 60065 (R202x), Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (reaffirmation of ANSI/UL 2021-2021)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ASME - American Society of Mechanical Engineers

Effective June 17, 2025

The reaccreditation of **ASME - American Society of Mechanical Engineers** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASME-sponsored American National Standards, effective **June 17, 2025**. For additional information, please contact: Matt Vazquez, American Society of Mechanical Engineers (ASME) | 2 Park Avenue, 6th Floor, New York, NY 10016-5990 | (212) 591-8522, vazquezm@asme.org

Approval of Reaccreditation – ASD

NEMA - National Electrical Manufacturers Association

Effective June 9, 2025

The reaccreditation of **NEMA - National Electrical Manufacturers Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NEMA-sponsored American National Standards, effective **June 9, 2025**. For additional information, please contact: Megan Hayes, National Electrical Manufacturers Association (NEMA) | 1300 North 17th Street, Suite 900, Arlington, VA 22209 | (703) 841-3236, megan.hayes@nema.org

Approval of Reaccreditation – ASD

RIC - Remanufacturing Industries Council

Effective June 20, 2025

The reaccreditation of **RIC - Remanufacturing Industries Council** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on RIC-sponsored American National Standards, effective **June 20, 2025**. For additional information, please contact: Michelle Hayes, Remanufacturing Industries Council (RIC) | 150 Lucius Gordon Drive, Suite 127, West Henrietta, NY 14586 | (585) 380 -8040, mhayes@remancouncil.org

Approval of Reaccreditation – ASD

ULSE - UL Standards and Engagement

Effective June 10, 2025

The reaccreditation of **ULSE - UL Standards and Engagement** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ULSE-sponsored American National Standards, effective **June 10, 2025**. For additional information, please contact: Patricia Sena, UL Standards & Engagement (ULSE) | 12 Laboratory Drive, Durham, NC 27709-3995 | (984) 317-5809, patricia.a.sena@ul.org

Accreditation Announcements (Standards Developers)

Withdrawal of Accreditation – ASD

RIMS - Risk & Insurance Management Society

Effective June 17, 2025

The ANSI accreditation of **RIMS - Risk & Insurance Management Society** as a developer of American National Standards has been formally withdrawn per its request, effective **June 17, 2025.** RIMS currently maintains no American National Standards.

For additional information, please contact: Mark Prysock, 228 Park Ave South, PMB 23312 | New York, 10003 p: (212) 286-9292 e: mprysock@rims.org

Calls for Participation/Experts

ANSI Accredited Standards Developer

B11 Standards Development Committee

Meeting Dates: August 5 - 6, 2025

The ANSI B11 Standards Development Committee, administered by the Secretariat (B11 Standards, Inc.), will hold its semi-annual meeting on 5-6 August 2025 at Deere in E.Moline, IL.

The B11 SDC is an ANSI-accredited standards committee on the broad topic of machinery safety, and the purpose of this meeting is to discuss ongoing issues and the business of the B11 SDC. This meeting is open to anyone with an interest in safety and the safe use of machines, however, any voting will be restricted to full members of this Committee. If you have an interest in participating in this meeting as an observer or would like more information, please contact David Felinski at (dfelinski@b11standards.org).

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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

Teresa Ambrosius
tambrosius@aafs.org

ABMA (ASC B3)
American Bearing Manufacturers Association
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ABYC
American Boat and Yacht Council
613 Third Street, Suite 10
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www.abycinc.org

Emily Parks
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AGMA
American Gear Manufacturers Association
1001 N. Fairfax Street, Suite 500
Alexandria, VA 22314
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Phillip Olson
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AHRI
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Jerry Yeh
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ASA (ASC S3)
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www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2590 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Sadie Stell
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ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
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Ambria Calloway
ambria.frazier@x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org

Carmen King
cking@ashrae.org

ASME
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Two Park Avenue, M/S 6-2B
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Terrell Henry
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AVIXA
Audiovisual and Integrated Experience Association
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Fairfax, VA 22030
www.avixa.org

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lovercash@avixa.org

AWS
American Welding Society
8669 NW 36th Street #130
Miami, FL 33166
www.aws.org

Jennifer Padron
jpadron@aws.org

BOMA
Building Owners and Managers Association
1101 15th Street, NW, Suite 800
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ECIA
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Laura Donohoe
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EIMA
EIFS Industry Members Association
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Stephen Sears
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FCI
Fluid Controls Institute
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Cleveland, OH 44115
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Leslie Schraff
fci@fluidcontrolsinstitute.org

GBI
Green Building Initiative
PO Box 80010
Portland, 97280
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Emily Marx
emarx@thegbi.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Drive, Suite 220
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Terry Burger
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Teresa Belmont
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ITI (INCITS)
InterNational Committee for Information Technology Standards
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Washington DC, DC 20001
www.incits.org

Jill Powers
jpowers@itic.org

LIA (Z136 SDC)
The Laser Institute
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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 5364, Anaesthetic and respiratory equipment - Oropharyngeal airways - 9/5/2025, $62.00

Biotechnology (TC 276)

ISO/DIS 23511, Biotechnology - General requirements and considerations for cell line identification and cross-contamination testing - 9/11/2025, $88.00

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

ISO/DIS 13180-1, A guideline on direct tension test method for fibre-reinforced cementitious composites (FRCCs) - Part 1: Strain-hardening FRCC - 9/5/2025, $40.00

Industrial automation systems and integration (TC 184)

ISO/DIS 23247-6, Automation systems and integration - Digital twin framework for manufacturing - Part 6: Digital twin composition - 9/6/2025, $93.00

Medical devices for injections (TC 84)

ISO 11608-3:2022/DAmd 1, - Amendment 1: Needle-based injection systems for medical use - Requirements and test methods - Part 3: Containers and integrated fluid paths - Amendment 1 - 9/11/2025, $40.00

Plastics (TC 61)

ISO/DIS 20457, Plastics moulded parts - Tolerances and acceptance conditions - 9/11/2025, $102.00

ISO/DIS 21037, Adhesives - Guideline for separating adhesively bonded joints enabling repair and improving recycling - 9/11/2025, $53.00

ISO/DIS 25218, Composites and reinforcements fibres - Carbon fibre reinforced plastics(CFRPs) and metal assemblies - Test method for cross-tension fatigue properties - 9/11/2025, $58.00

ISO/DIS 25274, Composites and reinforcements fibres - Determination of mode I fracture toughness of structural adhesive joints at high loading rates - 9/8/2025, $62.00

Road vehicles (TC 22)

ISO/DIS 6460-2, Motorcycles - Measurement method for gaseous exhaust emissions and fuel consumption - Part 2: Test cycles and specific test conditions - 9/5/2025, $134.00

ISO/DIS 11898-2, Road vehicles - Controller area network (CAN) - Part 2: High-speed physical medium attachment (PMA) sublayer - 9/11/2025, $134.00

ISO/DIS 23150-2, Road vehicles - Logical interface between sensors and data fusion unit for automated driving functions - Part 2: Object level interfaces - 9/7/2025, $185.00

Ships and marine technology (TC 8)

ISO/DIS 21154, Ships and marine technology - Boil-off-rate measurement method for cargo containment system of LNG ship - 9/11/2025, $58.00

Sustainable development in communities (TC 268)

ISO/DIS 23098-1, Sustainable mobility and transportation - Mobility monitoring and services by data sharing platform - Part 1: Role model - 9/11/2025, $88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 14443-3, Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - 9/7/2025, $125.00

IEC Standards

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

46A/1729/FDIS, IEC 61196-1-128 ED1: Coaxial communication cables - Part 1-128: Electrical test methods - Polarization directivity of radiating cable, 08/01/2025

46F/714/DTS, IEC TS 61169-1-7 ED1: Radio-frequency connectors - Part 1-7: Electrical test methods - Uncertainty specification of frequency domain test for insertion loss, 08/15/2025

Electric welding (TC 26)

26/776/CDV, IEC 60974-1 ED7: Arc welding equipment - Part 1: Welding power sources, 09/12/2025

Electrical accessories (TC 23)

23E/1402/CD, IEC 62020-1/AMD1 ED1: Amendment 1 - Electrical accessories - Residual current monitors (RCMs) - Part 1: RCMs for household and similar uses, 09/12/2025

Electrical apparatus for explosive atmospheres (TC 31)

31/1883/CD, IEC 60079-29-3 ED2: Explosive atmospheres - Part 29-3: Gas detectors - Guidance on functional safety of fixed gas detection systems, 08/15/2025

Electrical Energy Storage (EES) Systems (TC 120)

120/426/FDIS, IEC 62933-3-1 ED1: Electrical energy storage (EES) systems - Part 3-1: Planning and performance assessment of electrical energy storage systems - General specification, 08/01/2025

Electrical equipment in medical practice (TC 62)

62A/1675/CD, IEC 60601-1/FRAG5 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - PEMS related hazards (Fragment 5), 09/12/2025

62A/1676/CD, IEC 60601-1/FRAG6 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Electrical hazards (Fragment 6), 09/12/2025

62A/1677/CD, IEC 60601-1/FRAG7 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Mechanical hazards (Fragment 7), 09/12/2025

62A/1673/CD, IEC 60601-1/FRAG8 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Thermal and fire hazards (Fragment 8), 09/12/2025

62D/2238/FDIS, ISO 80369-1 ED3: Small-bore connectors for liquids and gases in healthcare applications - Part 1: General requirements, 08/01/2025

Electroacoustics (TC 29)

29/1206/FDIS, IEC 61252 ED2: Electroacoustics - Personal sound exposure meters, 08/01/2025

Electrostatics (TC 101)

101/739(F)/FDIS, IEC 61340-4-7 ED3: Electrostatics - Part 4-7: Standard test methods for specific applications - Ionization, 07/18/2025

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

104/1114/CDV, IEC 60068-3-6 ED3: Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/ humidity chambers, 08/15/2025

Equipment for electrical energy measurement and load control (TC 13)

13/1956(F)/CDV, IEC 62059-32-1 ED2: Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature, 09/05/2025

Fibre optics (TC 86)

86A/2599/FDIS, IEC 60793-2-60 ED2: Optical fibres - Part 2-60: Product specifications - Sectional specification for category C single-mode interconnection fibres, 08/01/2025

86C/1984/CD, 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, 08/15/2025

86B/5082/NP, PNW 86B-5082 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 451-07: Terminal for category A - Outdoor aerial environment, 09/12/2025

86B/5083/NP, PNW 86B-5083 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 451-08: Sealed terminals for category G - Outdoor ground environment, 09/12/2025

86B/5085/NP, PNW 86B-5085 ED1: Fibre optic interconnecting devices and passive components - Performance standard for automotive applications - Part 1: General and guidance, 09/12/2025

Fire hazard testing (TC 89)

89/1614/CD, IEC 60695-5-2 ED2: Fire hazard testing - Part 5-2: Corrosion damage effects of fire effluent - Summary and relevance of test methods, 08/15/2025

Fuses (TC 32)

32C/667(F)/FDIS, IEC 60127-9/Ed.1: Miniature fuses - Part 9: Miniature fuse-links for special applications with partial-range breaking capacity, 07/04/2025

High Voltage Direct Current (HVDC) transmission for DC voltages above 100 kV (TC 115)

115/410/DTS, IEC TS 63529 ED1: DC side harmonics & filtering in HVDC transmission systems, 08/15/2025

Industrial-process measurement and control (TC 65)

65E/1175/FDIS, IEC 63082-1 ED1: Intelligent device management - Part 1: Concepts and terminology, 08/01/2025

Magnetic components and ferrite materials (TC 51)

51/1560/FDIS, IEC 63182-6 ED1: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 6: EQ - cores, 08/01/2025

51/1561/FDIS, IEC 63182-7 ED1: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 7: EER - cores, 08/01/2025

51/1562/FDIS, IEC 63182-8 ED1: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 8: U-cores, 08/01/2025

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1162/CD, IEC 62616 ED2: Maritime navigation and radiocommunication equipment and systems - Bridge navigational watch alarm system (BNWAS), 09/12/2025

Power system control and associated communications (TC 57)

57/2798/FDIS, IEC 62351-7 ED2: Power systems management and associated information exchange - Data and communications security - Part 7: Network and System Management (NSM) data object models, 08/01/2025

Rotating machinery (TC 2)

2/2246/CDV, IEC 60034-8 ED4: Rotating electrical machines - Part 8: Terminal markings and direction of rotation, 09/12/2025

Secondary cells and batteries (TC 21)

21A/944/CD, IEC 61434 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Guide to designation of current in alkaline secondary cell and battery standards, 08/15/2025

21A/945/CD, IEC 63636 ED1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sodium ion cells and batteries for use in industrial applications, 08/15/2025

Semiconductor devices (TC 47)

47E/861/FDIS, IEC 60747-2 ED4: Semiconductor devices - Part 2: Discrete devices - Rectifier diodes, 08/01/2025

47E/863/FDIS, IEC 60747-6 ED4: Semiconductor devices - Part 6: Discrete devices - Thyristors, 08/01/2025

Solar photovoltaic energy systems (TC 82)

82/2410/CDV, IEC 61853-2 ED2: Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and nominal module operating temperature measurements, 09/12/2025

82/2446/DTS, IEC TS 61836 ED4: Solar photovoltaic energy systems - Terms, definitions and symbols, 08/15/2025

82/2451/NP, PNW TS 82-2451 ED1: Photovoltaic cells - Part 8: Measurement of UV induced degradation of crystalline silicon photovoltaic cells, 08/15/2025

(TC)

CIS/A/1466(F)/FDIS, CISPR 16-1-4 ED5: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, 07/04/2025

UHV AC transmission systems (TC 122)

122/198/DTS, IEC TS 63042-103 ED1: UHV AC transmission systems - Security and stability requirements for system planning and design, 08/15/2025

122/199/DTS, IEC TS 63042-301 ED2: UHV AC transmission systems - Part 301: On-site acceptance tests, 08/15/2025

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC25/3321/CDV, ISO/IEC 14543-4-303 ED1: Information technology - Home Electronic System (HES) architecture - Part-4 -303 Application protocol for electric vehicle supply equipment (EVSE) chargers and controllers, 09/12/2025

JTC1-SC25/3322/CDV, ISO/IEC 14543-4-304 ED1: Information technology - Home Electronic System (HES) architecture - Part-4 -304 Application protocol for electric vehicle supply equipment (EVSE) charger and dischargers and controllers, 09/12/2025

JTC1-SC41/521/CD, ISO/IEC 21823-5 ED1: Internet of things - Interoperability for IoT systems - Part 5: Behavioural and policy interoperability, 08/15/2025

JTC1-SC41/522/CD, ISO/IEC 30175 ED1: Internet of Things (IoT) - IoT applications using context aware collaboration service, 08/15/2025

JTC1-SC25/3324/DTS, ISO/IEC TS 11801-9903 ED2: Information technology - Generic cabling for customer premises - Part 9903: Modelling of channels and links, 08/15/2025

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 4112:2025, Cereals and pulses - Guidance on measurement of the temperature of grain stored in bulk, $84.00

ISO 17645:2025, Dry-cured ham - Specification, $84.00

Aircraft and space vehicles (TC 20)

ISO 9538:2025, Aerospace series - Hydraulic tubing joints and fittings - Planar flexure test, $84.00

Dentistry (TC 106)

ISO 4823:2025, Dentistry - Elastomeric impression and bite registration materials, $201.00

ISO 7405:2025, Dentistry - Evaluation of biocompatibility of medical devices used in dentistry, $259.00

Fine ceramics (TC 206)

ISO 19674:2025, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods of test for ceramic coatings - Determination of internal stress in ceramic coatings by application of the Stoney formula, $127.00

Fisheries and aquaculture (TC 234)

ISO 20423:2025, Carbon footprint for seafood - Product category rules (CFP-PCR) for macroalgae, $172.00

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

ISO 19905-1:2023/Amd 1:2025, - Amendment 1: Oil and gas industries including lower carbon energy - Site-specific assessment of mobile offshore units - Part 1: Jack-ups: elevated at a site - Amendment 1: Corrections to strength of tubular members, Table B-2 and simplified free-field liquefaction assessment calculation method, $23.00

Optics and optical instruments (TC 172)

ISO 11980:2025, Ophthalmic optics - Contact lenses and contact lens care products - Requirements and guidance for clinical investigations, $201.00

Paints and varnishes (TC 35)

ISO 8502-5:2025, Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 5: Measurement of chloride on steel surfaces prepared for painting (ion detection tube method), $56.00

Plastics (TC 61)

ISO 527-2:2025, Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics, $84.00

ISO 1183-1:2025, Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method, $172.00

Surface chemical analysis (TC 201)

ISO 11505:2025, Surface chemical analysis - General procedures for quantitative compositional depth profiling by glow discharge optical emission spectrometry, $201.00

Tobacco and tobacco products (TC 126)

ISO 15592-3:2025, Fine-cut tobacco and smoking articles made from it - Methods of sampling, conditioning and analysis - Part 3: Determination of total particulate matter of smoking articles using a routine analytical smoking machine, preparation for the determination of water and nicotine, and calculation of nicotine-free dry particulate matter, $127.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO 11680:2025, Machinery for forestry - Safety requirements and testing for portable pole mounted powered pruners, $201.00

IEC Technical Reports

Industrial automation systems and integration (TC 184)

IEC/TR 63319:2025, $585.00

ISO Technical Specifications

Traditional Chinese medicine (TC 249)

ISO/TS 21310:2025, Traditional Chinese medicine - Microscopic examination of medicinal herbs, $84.00

ISO/IEC JTC 1, Information Technology

ISO/IEC TS 19770-10:2025, Information technology - IT asset management - Part 10: Guidance for implementing ITAM, $287.00

IEC Standards

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

IEC 63002 Ed. 3.0 b:2025, Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices, $361.00

S+ IEC 63002 Ed. 3.0 en:2025 (Redline version), Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices, $613.00

Dependability (TC 56)

IEC 62508 Ed. 2.0 b:2025, Guidance on human aspects of dependability, $412.00

Electric cables (TC 20)

IEC 60840 Amd.1 Ed. 5.0 en Cor.1:2025, Corrigendum 1 - Amendment 1 - Power cables with extruded insulation and their accessories for rated voltages above 30 kV (U_m = 36 kV) up to 150 kV (U_m = 170 kV) - Test methods and requirements, $0.00

Electrical apparatus for explosive atmospheres (TC 31)

IEC 60079-18 Ed. 5.0 b:2025, Explosive atmospheres - Part 18: Equipment protection by encapsulation "m", $322.00

IEC 60079-18 Ed. 5.0 en:2025 CMV, Explosive atmospheres - Part 18: Equipment protection by encapsulation "m", $644.00

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

IEC 60112 Ed. 6.0 b:2025, Method for the determination of the proof and the comparative tracking indices of solid insulating materials, $200.00

IEC 60112 Ed. 6.0 en:2025 CMV, Method for the determination of the proof and the comparative tracking indices of solid insulating materials, $399.00

Flat Panel Display Devices (TC 110)

IEC 62977-2-8 Ed. 1.0 en:2025, Electronic displays - Part 2-8: Measurements of optical characteristics - Reflective displays, $470.00

IEC 62977-3-6 Ed. 1.0 en:2025, Electronic displays - Part 3-6: Evaluation of optical performance - Spatial resolution, $258.00

Industrial-process measurement and control (TC 65)

IEC 61326-2-6 Ed. 4.0 b:2025, Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-6: Particular requirements - In vitro diagnostic (IVD) medical electrical equipment, $322.00

Other

IEC SRD 63417 Ed. 1.0 en:2025, Guidance and plan to develop smart energy ontologies, $412.00

Printed Electronics (TC 119)

IEC 62899-203-2 Ed. 1.0 en:2025, Printed electronics - Part 203-2: Materials - Semiconductor ink - Space charge limited mobility measurement in printed organic semiconductive layers, $148.00

Safety of household and similar electrical appliances (TC 61)

IEC 60335-2-106 Amd.1 Ed. 2.0 b:2025, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings, $26.00

IEC 60335-2-106 Ed. 2.1 en:2025, Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings, $663.00

Semiconductor devices (TC 47)

IEC 60749-34-1 Ed. 1.0 b:2025, Semiconductor devices - Mechanical and climatic test methods - Part 34-1: Power cycling test for power semiconductor module, $258.00

Surge arresters (TC 37)

IEC 61643-11 Ed. 2.0 b:2025, Low-voltage surge protective devices - Part 11: Surge protective devices connected to AC low-voltage power systems - Requirements and test methods, $322.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 304 – Healthcare organization management

Comment Deadline: July 4, 2025

ANSI has been informed that InGenesis, Inc., the ANSI-accredited U.S. TAG Administrator for ISO/TC 304, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 304 operates under the following scope:

Standardization in the field of healthcare organization management comprising, terminology, nomenclature, recommendations and requirements for healthcare-specific management practices and metrics (e.g. patient-centered staffing, quality, facility-level infection control, pandemic management, hand hygiene) that comprise the non-clinical operations in healthcare entities.

Excluded are horizontal organizational standards within the scope of:
- *quality management and quality assurance (TC 176);*
- *human resource management (TC 260);*
- *risk management (TC 262);*
- *facility management (TC 267), and;*
- *occupational health and safety management (TC 283).*

Also excluded are standards relating to clinical equipment and practices, enclosing those within the scope of TC 198 Sterilization of health care products.

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

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 352 – Digital Marketing

Comment Deadline: July 18, 2025

A new ISO Technical Committee, ISO/TC 352 – *Digital Marketing*, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 352 operates under the following scope:

Standardization in the field of terminology, requirements, guidance, practices, tools and methods for organizations and professionals conducting digital marketing.
Excluded:
· *Digital marketing activities that will lead to E-commerce transactions and relevant work within the scopes of the following committees:*
o *ISO/IEC JTC 1 (Information technology)*
o *ISO/TC 154 (Processes, data elements and documents in commerce, industry and administration)*
o *ISO/TC 207 (Environmental management)*
o *ISO/TC 225 (Market, opinion and social research)*
o *ISO/TC 307 (Blockchain and distributed ledger technologies)*
o *ISO/TC 321 (Transaction assurance in E-commerce)*
o *ISO/TC 324 (Sharing economy)*
o *ISO/TC 347 (Data-driven agrifood systems)*
o
Note: In parallel, the proposed TC works in cooperation with existing committees on subjects that may support digital marketing.

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

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 8/SC 27 – Ports and terminals

Comment Deadline: July 18, 2025

A new ISO Technical Committee, **ISO/TC 8/SC 27 – *Ports and terminals***, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 8/SC 27 operates under the following scope:

Standardization in the field of ports and terminals, covering planning, implementation, operation, upgrading, demolition and repurposing stages. It will include scheduling, design, controlling, monitoring and inspection, optimization of resource allocating, integrated state-of-the-art technology solutions, regardless of scales, types, or transitioning of goods or passengers, whether located on the coastline or inland rivers, aiming to improve efficiency, effectiveness, coordination, working conditions and professions, towards achieving sustainable development of ports and terminals.

Excluded: Relevant work within the scopes of the following committees:

Ships and marine technology (ISO/TC 8)
Production, transport and storage facilities for cryogenic liquefied gases (ISO/TC 67/SC 9)
Cranes (ISO/TC 96)
Industrial trucks (ISO/TC 110)
Tourism and related services (ISO/TC 228)
Sustainable cities and communities (ISO/TC 268)
Innovative logistics (ISO/TC 344)

The U.S. Coast Guard (USCG) has committed to administer the U.S. TAG. Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Registration of Organization Names in the United States

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

Public Review

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

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

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.

1. ~~ENVIRONMENTAL, SOCIAL, & GOVERNANCE (ESG)~~ RESPONSIBLE BUSINESS MANAGEMENT (107 POINTS)

1.3 RESPONSIBLE BUSINESS PRACTICES ~~SOCIAL MANAGEMENT~~ (6 POINTS)

1.3.1 Responsible Business Culture ~~EQUITY & INCLUSIVENESS~~

1.3.2 Responsible Business Practices ~~SOCIAL & GOVERNANCE~~	
1.3.2.2 The organization issues a ~~CSR (Corporate Social Responsibility) or ESG (Environmental, Social, Governance)~~ report demonstrating responsible business practices on an annual or regular basis.	1 point
1.3.2.3 The ~~CSR or ESG~~ report indicated in 1.3.2.2 is publicly available.	1 point

2.1.1A PATH A: ENVIRONMENTAL SITE ASSESSMENT (ESA)

3.1.1E.1 The project has achieved GBI's ~~Green Globes~~ Journey to Net Zero certification/recognition, or equivalent from a nationally or regionally recognized certification program within the last three years.	Maximum = 125 points • One hundred twenty-five points is earned for a certification of 100% reduction. • One hundred points are earned for a recognition of ≥90% to <100% reduction. • Seventy-five points are earned for a recognition of ≥70% to <90% reduction. • Fifty points are earned for a recognition of ≥50% to <70% reduction. • No points are earned for a recognition of <50% reduction.

3.2.1.5 The building has ~~undergone a replacement of a~~ roof material with a high Solar Reflectance Index (SRI) as prescribed based on the slope of the roof, as specified in Section 2.3.4.1 of ANSI/GBI-01 2024.	4 points

3.2.2.1A.1 At least 80% of the building interior lighting is installed with LED and/or OLED (quantified by floor area).	Maximum = 14 points • Fourteen points are earned when the building interior is 100% LED and/or OLED. • Ten points are earned when the building interior is ≥80% to <100% LED and/or OLED. • No points are earned when the building interior is <80% LED and/or OLED.

3.2.2.1B.1 At least 80% of the common and amenity areas lighting are installed with LED and/or OLED (quantified by floor area).	Maximum = 7 points • Seven points are earned when common and/or amenity areas are 100% LED and/or OLED. • Five points are earned when common and/or amenity areas are ≥80% to <100% LED and/or OLED. • No points are earned when common and/or amenity areas are <80% LED and/or OLED.
3.2.2.1B.2 At least 80% of the residential units or hotel rooms lighting are installed with LED and/or OLED (quantified by floor area).	Maximum = 7 points • Seven points are earned when residential unit or hotel rooms are 100% LED and/or OLED. • Five points are earned when residential unit or hotel rooms are ≥80% to <100% LED and/or OLED. • No points are earned when residential unit or hotel rooms are <80% LED and/or OLED.

[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 gray highlighting. R2 changes are indicated in yellow highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI 53:

Drinking Water Treatment Units — Health Effects

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7 Elective performance claims – Test methods

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7.2 Chemical reduction claims

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7.2.6 Nonregenerating PFAS reduction testing

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7.2.6.5 PFAS reduction test water

a) A water supply shall be treated by reverse osmosis, then shall be treated by deionization (RO/DI) water and shall have a conductivity of < 2 µS/cm.

b) All chemical additions shall take place either after the test tank is filled with the RO/DI water, or while the test tank is being filled. Reagent grade chemicals shall be used for all additions to adjust the RO/DI water to meet the following specific characteristics:

Table 7.8
PFAS influent water characteristics

Parameter	Target value	Overall average tolerance	Single point tolerance [a]
SO_4^{2-}	200 mg/L	± 20%	± 30%
Cl^-	100 mg/L	± 20%	± 30%
alkalinity as $CaCO_3$	200 mg/L	± 20%	± 30%
total PFAS [b]	0.00216 mg/L	± 20%	± 30%
PFHpA	0.00004 mg/L	± 20%	± 30%
PFHxS	0.0003 mg/L	± 20%	± 30%
PFNA	0.00005 mg/L	± 20%	± 30%
PFOA	0.0005 mg/L	± 20%	± 30%
PFOS	0.0010 mg/L	± 20%	± 30%
temperature	20 °C (68 °F)	± 2.5 °C (± 5 °F)	—
turbidity	< 1 NTU	—	—
pH	7.5	± 0.5	—
hardness[c]	150 mg/L as $CaCO_3$	± 20%	± 30%

[a] Equals average influent challenge concentration variability plus one of the following, in order of availability:

1. Acceptable continuing calibration verification (CCV) limits stated in the appropriate U.S. EPA Method.
2. Acceptable spike recoveries as stated in the appropriate U.S. EPA Method.
3. Opinion of laboratory professionals – no guidance available in U.S. EPA Method.

[b] There are two test methods for PFAS contaminant reduction claims: total PFAS and individual contaminants (see Section 7.2.6.1 for details). The test mixture for total PFAS is made up of PFOA (500 ppt), PFOS (1,000 ppt), PFHxS (300 ppt), PFNA (50 ppt), PFHpA (40 ppt), PFBS (260 ppt), and PFDA (10 ppt). However, PFBS and PFDA have not been included as individual contaminant reduction claims because current data indicate they do not occur at levels higher than their health advised levels established by states. Therefore, the average influent concentration for total PFAS is not equal to the sum of the average influent concentration values for the individual claims.

[c] The resulting ratio should be approximately 3:1 calcium to magnesium as calcium carbonate ($CaCO_3$).

c) Dissolve enough calcium chloride ($CaCL_2$) ~~sodium bicarbonate ($NaHCO_3$)~~ in RO/DI water to achieve a test tank concentration of 100 mg/L of chloride and 141 mg/L of calcium ~~200 mg/L of alkalinity~~ expressed as $CaCO_3$.

d) Dissolve enough sodium bicarbonate ($NaHCO_3$) in RO/DI water to achieve a test tank concentration of 200 mg/L of alkalinity expressed as $CaCO_3$.

e) Dissolve enough magnesium sulfate ($MgSO_4 \cdot 7H_2O$) in RO/DI water to achieve a test tank concentration of 45 mg/L as sulfate and 47 mg/L of magnesium as $CaCO_3$.

f) Add enough sodium sulfate ($NaSO_4$) in RO/DI water to achieve a test tank concentration of 155 mg/L as sulfate, bringing the total sulfate concentration to 200 mg/L as sulfate and the total sodium concentration to 167 mg/L as sodium.

g) Adjust the pH of the test tank solution using hydrochloric acid (HCl) or sodium hydroxide (NaOH) to 7.5 ± 0.5. Record the amount HCl used.

~~h) Dissolve enough magnesium sulfate ($MgSO_4 \cdot 7H_2O$) in RO/DI water to achieve a test tank concentration of 200 mg/L as sulfate. Sodium sulfate ($NaSO_4 \cdot 7H_2O$) may be substituted for 75% of the magnesium sulfate if the presence of hardness interferes with the proper operation of the device under test.~~

i) Dissolve enough of the applicable PFAS compound(s) in RO/DI water to achieve the required test tank concentration as specified in Table 7.8.

j) Mix and measure the final pH, and adjust as needed. Mixing shall be minimized thereafter throughout the duration of the test.

~~k) Dissolve enough sodium chloride (NaCl) in RO/DI water to achieve a test tank concentration of 100 mg/L of chloride. Balance this number with the amount of chlorides added from the HCl for pH control to maintain a target of 100 mg/L. Stir and transfer to the test tank.~~

l) Each tank of water prepared shall have all of the parameters specified in Table 7.8 verified by analytical methods.

***Rationale*: Updates the cation components of the PFAS reduction test water procedure to avoid scaling which can cause premature plugging of filters.**

[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. **Revision 2 changes are indicated by yellow highlighting.** Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard for Drinking Water Additives –

Drinking Water System Components – Health Effects

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1 General

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1.3 Normative references

The following documents contain requirements that, by reference in this text, constitute requirements of this standard. At the time this standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

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APHA/AWWA/WEF, *Standard Methods for the Examination of Water and Wastewater*, 22nd edition (hereinafter referred to as *Standard Methods*)

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~~The Society for Protective Coatings, *Steel Structures Painting Manual*. Volume 2. Reference Paint Application Specification No. 2 (SSPC-PA2)~~
Rationale: Removes duplicate entry.

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2.3 adsorption media: A process media material upon which a gas, liquid, solid, or dissolved material ~~will be~~ is retained.
Rationale: updating verbal forms for expressions according to IEC Directive.

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2.13 cold water application: A product application that is intended to result in continuous exposure to water in ambient temperature. Products are tested for an end use temperature of 23 ± 2 °C (73 ± 4 °F).

Rationale: The term will remain in the standard and the 61 Reorganization Task Group will discuss revision of the term to meet the intent of the standard.

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2.15 commercial hot water application: A product application that is intended to result in continuous or intermittent exposure to water that has been raised from ambient temperature. Intermittent exposure is defined as any hot water contact that is not continuous. Products are tested for an end use temperature of 82 ± 2 °C (180 ± 4 °F).

Rationale: The term will remain in the standard and the 61 Reorganization Task Group will discuss revision of the term to meet the intent of the standard.

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2.74 potable water contact area of tanks: The potable water contact areas of tanks shall include both the area normally submerged during use as well as the areas where water ~~may~~ can condense and fall back into the tank, such as ceilings.

Rationale: updating verbal forms for expressions according to IEC Directive.

~~**2.75 prerinse assembly**: An endpoint device with a hose and spray whose application is water delivery for the rinsing of tableware in commercial kitchens.~~

Rationale: term not used in the standard.

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~~**2.78 reductive media**: Process media that chemically facilitate reduction on the media surface and thereby enhance removal of ions from water.~~

Rationale: term not used in the standard.

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4.1.2 Coatings and other barrier materials requested to be evaluated on their own that are intended for application to pipes or pipe-related products shall be evaluated under Section 5.

> ~~NOTE —~~ Coatings and other barrier materials, which meet the requirements of Section 5 at a specific surface area-to-volume ratio, shall be considered to meet the requirements of a pipe or pipe-related product application for a surface area-to-volume ratio less than or equal to the ratio accepted under the Section 5 evaluation.

Rationale: Removes note from normative text.

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5.5.2.2 Field-applied paint and coating systems

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> NOTE — The practical application of coatings ~~may~~ can result in spots of coating thicknesses in excess of the maximum dry film thickness per coat attested to by the testing laboratory. Guidance on acceptable variations from the maximum dry film thicknesses is provided in The Society for Protective Coatings *Steel Structures Painting Manual Volume 2*. Reference *Paint Application Specification No. 2 (SSPC-PA2)*[Error! Bookmark not defined.]

where the average of spot measurements on each 10 m^2 (100 ft^2) area shall not exceed the specified maximum thickness, and no single spot measurement shall be more than 120% of it. In that document, spot measurements are defined as the average of at least three gauge readings within a 1.5-in (4-cm) diameter circle.

Rationale: updating verbal forms for expressions according to IEC Directive.

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5.5.2.3 Factory-applied paint and coating systems

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NOTE — The practical application of coatings ~~may~~ can result in spots of coating thicknesses in excess of the maximum dry film thickness per coat attested to by the testing laboratory. Guidance on acceptable variations from the maximum dry film thicknesses is provided in The Society for Protective Coatings *Steel Structures Painting Manual Volume 2*. Reference *Paint Application Specification No. 2 (SSPC-PA2)*Error! Bookmark not defined. where the average of spot measurements on each 10 m^2 (100 ft^2) area shall not exceed the specified maximum thickness, and no single spot measurement shall be more than 120% of it. In that document, spot measurements are defined as the average of at least three gauge readings within a 1.5-in (4-cm) diameter circle.

Multiple layer paint and coating systems, which require the application of distinct coating product formulations in sequence, shall be applied in a stepped manner so as to expose all layers. Multiple coats of the same product (of the same color) applied in sequence shall not constitute multiple layers and shall not be applied in a stepped manner. Multiple coats of the same product (of different colors) applied in sequence shall not constitute multiple layers and shall not be applied in a stepped manner, unless deemed necessary by the testing laboratory to address potential health effects concerns from the differences in color formulations. Stepped coating systems shall be applied per the dimensions in Table 5.1.

NOTE — It is recognized that a coating system ~~may~~ can be applied using a combination of factory and field application techniques. This is considered acceptable as long as the coating system is tested to the manufacturer's recommended application conditions, as specified in Sections 5.5.2.2 and 5.5.2.3.

Rationale: updating verbal forms for expressions according to IEC Directive.

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9.1.1 Endpoint devices specifically included in the coverage of this section are:

— remote chillers;

— lavatory faucets (e.g., centersets, widespread, mini-spread, and basin cocks), except as exempted in Section 9.1.2;

— bar faucets;

— kitchen faucets (e.g., top mounts and wall mounts);

— hot and cold water dispensers;

— drinking fountains, drinking fountain bubblers, and water coolers;

- glass fillers;
- residential refrigerator ice makers and water dispensers;
- standalone, residential plumbed-in ice maker devices;
- flexible plumbing connectors and flexible risers intended for potable water applications;
- supply stops and endpoint control valves; and
- commercial kitchen devices, limited to the following:
  - pot and kettle fillers;
  - devices with extended standpipes or risers; and
  - prerinse assemblies that include an auxiliary spout or other outlet.

~~NOTE 1~~ — Only the commercial kitchen devices listed above shall be evaluated using the 18.9-L (5-gal) normalization.

~~NOTE 2 —~~ The base device to which the prerinse component is added shall be considered a commercial kitchen device only if it meets the definition of either a pot and kettle filler or a device with extended standpipes or risers.

Rationale: Removes note from normative text.

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N-1.2.7 Material exposure

See Section 3.1.6.2

~~Materials shall be exposed according to the protocol outlined for the materials' specified end use(s). If a material is intended for use in the manufacture of products covered under more than one section of this standard, the most rigorous exposure condition shall be followed as defined in Section 3.1.4. Materials intended to be processed by more than one method (e.g., injection molding, extrusion, or stamping) shall be tested in each of the processed forms.~~

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N-1.8.3.1 Static condition

The contaminant concentration shall be adjusted to reflect differences in surface area-to-volume relationships between laboratory and field exposures under static conditions. This calculation shall use the N1 term defined in Section N-1.8.3. The N2 term shall always equal one when calculating normalized static concentrations.

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NOTE 1 — Table N-1.11 details the assumptions and resulting N1 factors for typical product categories.

~~NOTE 2 —~~ For internal threaded products, SA_F shall be equal to the normally wetted surface area of the product including 25% of the threaded area(s). The capacity of the product shall be equal to the volume of water contacted by the wetted surface area of the product including the volume contained within 25% of the

threaded area(s). When the product capacity is < 1 L (0.26 gal), $V_{F(static)}$ shall equal 1 L (0.26 gal). When the product capacity is equal to or > 1 L (0.26 gal), $V_{F(static)}$ shall be equal to the capacity.

Rationale: Removes note from normative text.

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N-1.8.4.4 For all in-line devices, normalized contaminant concentrations shall be adjusted to a 12-h exposure when the final exposure is other than 12 h in length.

NOTE — For example, when the final exposure for an in-line device is 16 h, the normalized contaminant concentrations are ~~shall be~~ multiplied by a factor of $^{12}/_{16}$.

Rationale: Removes requirement from informative text.

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N-1.8.6 Normalization for other products

The normalization factors described below shall be applied to products and materials not covered in Sections N-1.8.4 and N-1.8.5. For these products, a single normalized concentration (either static condition or flowing condition, whichever is most conservative) shall be determined for each contaminant. For products that have a flowing N2 value ≤ 0.1, the static condition shall be the most conservative condition. For products that have a flowing N2 value > 0.1, the flowing condition shall be the most conservative condition. Normalization factors that are not included in Table N-1.11 shall be determined on a case-by-case basis using the equation in Section N-1.8.3. Where a product is available in various sizes, the product with the highest surface area-to-volume ratio (typically the smallest diameter) shall be evaluated. For products, components, or materials that can ~~may~~ be used in any of the four end use categories in Table N-1.11, qualifying by use of the largest normalization factor shall qualify other use categories. Table N-1.11 in this annex details the assumptions and resulting N1 and N2 values for various product categories.

Rationale: updating verbal forms for expressions according to IEC Directive.

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Table N-1.5
Exposure sequence for cold applications

Exposure temperature	Exposure time	Elapsed time	Comment
23 ± 2 °C (73 ± 4°F)	24 ± 1 h	1 d	extraction water is decanted and discarded; the exposure vessel or product is refilled with exposure water and exposure is continued
23 ± 2 °C (73 ± 4 °F)	24 ± 1 h	2 d	extraction water is decanted and discarded; the exposure vessel or product is refilled with exposure water and exposure is continued
23 ± 2 °C (73 ± 4 °F)	24 ± 1 h	3 d	extraction water is collected for analysis

BSR/UL 325, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems

1. Battery Powered Applications

PROPOSAL

13 Power-Supply Connections

13.1 General

13.1.6 Where an operator is ~~battery-powered, by other than general-purpose batteries installed by the user, or provided with a battery back-up system, the operator shall comply with the applicable requirements of Supplement SC. Additionally, where an operator is~~ provided with multiple sources of supply, such as a standby battery back-up system, the terminals of the appliance inlet, with the detachable supply cord removed shall not exceed 42.4 Vpeak, 30 Vrms, or 60 Vdc with all other sources of supply connected.

~~13.1.7 Photovoltaic sources of supply shall comply with the requirements referenced in Annex A, Ref. No. 54. Each photovoltaic module shall be operated within its maximum electrical parameter. However, the possibility of overcharging of lithium-ion cells shall not be dependent on photovoltaic sources operating within their limits of current and voltage.~~

~~*Exception: Compliance with the requirements referenced in Annex A, Ref. No. 54 is not required if:*~~

~~*a) The maximum output voltage is less than 30 V rms (42.4 V peak);*~~

~~*b) The maximum output power of all photovoltaic sources connected in series is less than 100 VA;*~~

~~*c) The supply is provided with backfeed protection; and*~~

~~*d) The panel is not intended to be mounted on or in a building structure.*~~

32.2 Entrapment protection (Types A, B2, and C)

32.2.1 General

32.2.1.5 A~~n~~ gate operator employing a battery back-up system ~~shall operate as specified for~~ when using Type A entrapment protection shall operate as specified in 32.2.1.1, 32.2.2, 32.2.3, 32.2.4, and 32.2.5 as applicable; or is rendered inoperative (any case in which the operator will not complete a full cycle, open and close, of travel) when tested in accordance with 32.2.1.6 and the applicable requirements of Supplement SC.

SUPPLEMENT SC - (Normative) – Battery-Powered Appliances

SC1 Scope

SC1.1 This Supplement covers battery-operated appliances that are powered by ~~rechargeable or non-rechargeable batteries,~~ other than ~~general-purpose batteries installed by the user,~~ user installable nonrechargeable alkaline cells such as AA, C, and D batteries, either solely or as an alternative or in conjunction with other sources.

BSR/UL 1598C, Standard for Safety for Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits

1. Type A / B Lamp Retrofits

PROPOSAL

***Note from the Project Manager:** Only the impacted portion of Table 16.1 is shown below.*

Table 16.1
List of Required Markings

Item	Installation instructions	Text	Format [a]	Reference
	Luminaire Markings (to be Affixed to Host Luminaire)			
1.13	"This luminaire has been modified to operate LED lamps. Do not attempt to install or operate __*__ lamps in this luminaire" "*" shall be replaced by the original illumination type such as "fluorescent," "HID," etc.	Verbatim	S24-L1[d]	19.1.12
1.14	LED Lamp Replacement Marking – Identification of the replacement LED lamp type/model to be used along with manufacturer and ordering information.		S24-L1[d]	19.1.13
1.15	For a tubular LED lamp conversion, there shall be text or a diagram showing how the supply connections were made to the lampholders so the correct connections will be made to the lamp when the lamp is installed or replaced.		S24-L1[d]	19.1.15
1.15A	If the LED tube does not light, inspect the wiring connection to determine if LED tube is connected to a ballast. If connected to a ballast, rewire the LED tube directly to the main power. If not connected to a ballast, inspect the socket and wire connection, and if both are intact, replace the LED tube with a new TYPE B LED tube.	-	S24-L1[d]	19.1.13.1

19.1.13 LED retrofit kits that involve replaceable lamps shall include the markings noted in Table 16.1, Item 1.14, applied to the retrofitted luminaire where visible during relamping.

19.1.13A LED retrofit kits that involve TYPE A / B replaceable lamps shall include the markings noted in Table 16.1, Item 1.16, applied to the retrofitted luminaire where visible during relamping.

19.1.14 LED retrofit kits that foresee reuse of existing components, such as lampholders, shall include the markings in Table 16.1, Item 1.9 in the installation instructions. This is to advise the kit installer to examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.