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CONTENTS

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Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 231-202x, Best Practice Recommendation for the Chemical Processing of Footwear and Tire Impression Evidence (new standard)
Stakeholders: Footwear and tire impression evidence examiners, crime scene investigators

Project Need: Footwear and tire impressions encountered at a crime scene or on physical evidence associated with a crime scene may benefit from chemical processing. A variety of chemical processing techniques are available to attempt to develop additional details and contrast in the impression evidence. This best practice recommendation provides information on these techniques and formulations which are not contained in any other document.

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

This document provides best practice recommendations on using chemical processing methods to develop additional detail or contrast in footwear and tire impression evidence for documentation, examination, or comparison. Chemical processing procedures that are commonly used in the forensic community are included. This document does not cover all chemical processing techniques or formulations that are available. Deviations from the methods described in this document may preclude the enhancement of impressions.

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 233-202x, Standard for the Processing, Collection, and Preservation of Friction Ridge Impressions (new standard)
Stakeholders: Crime Scene Investigators

Project Need: Method standardization for the field documentation and collection of friction ridge evidence by scene investigators.

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

This document provides requirements and recommendations for the processing, collection, and preservation of friction ridge impressions by scene investigators on scene and in controlled environments. This document does not include the collection and preservation of known impressions or friction ridge examinations.

AMPP (Association for Materials Protection and Performance)

Kelly Heitman <Kelly.Heitman@ampp.org> | 15835 Park Ten Place | Houston, TX 77084 www.ampp.org

National Adoption

BSR/AMPP NACE SP0300-202x/ISO 16784-1;2024, Corrosion of metals and alloys — Corrosion and fouling in industrial cooling water systems — Part 1: Guidelines and requirements for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems (national adoption of ISO 16784-1:2024 with modifications and revision of ANSI/NACE SP0300-2016/ISO 16784-1-2006)
Stakeholders: Cooling system owners/operators and water treatment companies who must evaluate the performance of cooling water additives.

Project Need: ISO has issued a new version of the standard; we want to adopt the latest version.

Interest Categories: General Interest, User, Producer

Cooling system design and operating characteristics vary widely within individual plants, from site to site, and worldwide. Thus, selection and optimization of water treatment programs must be a site-specific process. In most systems, optimized cooling water chemical treatment is the key to successful long-term operations. The subject of this standard is the establishment of criteria for the pilot-scale evaluation of the performance of cooling water additives under field-specific operating conditions.

APCO (Association of Public-Safety Communications Officials-International)

Crystal Lawrence <lawrencec@apcointl.org; standards@apcointl.org> | 351 N. Williamson Boulevard | Daytona Beach, FL 32114 -1112 www.apcoIntl.org

Reaffirmation

BSR/APCO 1.110.2-2015 (R202x), Multi-Functional Multi-Discipline Computer Aided Dispatch (CAD) Minimum Functional Requirements (reaffirmation of ANSI/APCO 1.110.1-2015)
Stakeholders: Users, Producers and General Interest in Public Safety Communications Equipment.

Project Need: The raffirmation of this standard provides public safety communications centers with tools to assist them in planning and preparing the request for proposal (RFP) accurately meeting the needs of their center.

Interest Categories: User, Producer, General Interest

This standard provides a detailed, comprehensive , and unified list of functional requirements for CAD systems that may be used by emergency communications centers (ECC) to assist with the Request for Proposal (RFP) Process. Each CAD function will be identified along with a visual flag to indicate what service(s) (law enforcement, fire, EMS) the function applies to. Sample requirements for each function will be provided and can be incorporated in an RFP when a pubic safety communications center has a need to conduct a solicitation for a new CAD system.

APCO (Association of Public-Safety Communications Officials-International)

Rosa Smith <smithr@apcointl.org> | 351 N Williamson Blvd | Daytona Beach, FL 32114-1112 www.apcoIntl.org

Revision

BSR/APCO 2.103.3-202X, Public Safety Communications Common Incident Types for Data Exchange (revision and redesignation of ANSI/APCO 2.103.2-2019)
Stakeholders: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

Project Need: All emergency incidents must be assigned a classification (type) code that identifies the type of situation and the type of response required. Most ECCs utilize an code system that is unique to their municipality.

Interest Categories: Users, Producers and those Generally Interested in Emergency Communications processes and equipment.

This standard revision focuses on providing a standardized list of incident type codes to facilitate effective incident exchange between Next Generation 9-1-1 (NG9-1-1) ECCs and other authorized agencies.

ISA (Organization) (International Society of Automation)

Lynne Franke <lfranke@isa.org> | 3252 S. Miami Blvd, Suite 102 | Durham, NC 27703 www.isa.org

Reaffirmation

BSR/ISA 96.03.01-2019 (R202x), Guidelines for the Specification of Heavy Duty Pneumatically Powered Quarter Turn Scotch Yoke Valve Actuators (reaffirmation of ANSI/ISA 96.03.01-2019)
Stakeholders: Primarily manufacturers and users of valve actuators in industrial applications

Project Need: To provide guidance to assist the user in specifying pneumatic scotch yoke actuators.

Interest Categories: Producers/manufacturers, end users, general/consultants, and architects-engineers

This standard provides general requirements for the development of specifications for pneumatic scotch yoke actuators. This document applies to actuators with a maximum allowable operating pressure (MAOP) up to 250 psig with a compressed gas (i.e., instrument air).

ISEA (International Safety Equipment Association)

Aimee Jarrell <ajarrell@safetyequipment.org> | 1101 Wilson Blvd, Suite 1425 | Arlington, VA 22209 www.safetyequipment.org

New Standard

BSR/ISEA 500-202x, Ultra-Violet (UV) Protective Work Wear (new standard)
Stakeholders: General industry workers

Project Need: To create a standard with UPF testing and guidance.

Interest Categories: Users, producers, manufacturers, government, general interest.

In the market, there are many PPE items that have UPF ratings. This is verified by an existing test method. However, UPF is not addressed in any ISEA standard. The UPF protection does not belong in Heat Stress, Hi-Vis Work Wear, or hand protection; but UPF relates to all three and possibly other categories. It would be beneficial to have an additional standard that defines the test method and markings that can be used in conjunction with existing standards within multiple outdoor industries. While there are test methods involved, this is more of a guidance document to be used in conjunction with others.

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

Barbara Bennett <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 9868:2025 [202x], Information technology - Design, development, use and maintenance of biometric identification systems involving passive capture subjects (identical national adoption of ISO/IEC 9868:2025)
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

Provides recommendations and requirements for the design, development, use and maintenance of biometric identification systems involving passive capture subjects, including pre- and post-deployment evaluation. While the emphasis is on surveillance systems, this document is also applicable to other types of biometric identification systems involving passive capture subjects, regardless of biometric characteristic or sensing technology. This includes systems involving passive capture of subjects where some capture subjects enrolled voluntarily.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 9899:2024 [202x], Information technology - Programming languages - C (identical national adoption of ISO/IEC 9899:2024 and revision of INCITS/ISO/IEC 9899:2018 [R2024])
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

Specifies the form and establishes the interpretation of programs written in the C programming language. It is designed to promote the portability of C programs among a variety of data-processing systems. It is intended for use by implementers and programmers. It specifies the representation of C programs; the syntax and constraints of the C language; the semantic rules for interpreting C programs; the representation of input data to be processed by C programs; the representation of output data produced by C programs; the restrictions and limits imposed by a conforming implementation of C.

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

Deborah Spittle <INCITS-comments@connectedcommunity.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 14882:2024 [202x], Programming languages - C++ (identical national adoption of ISO/IEC 14882:2024 and revision of INCITS/ISO/IEC 14882:2020 [2021])
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

Specifies requirements for implementations of the C++ programming language. The first such requirement is that they implement the language, so this document also defines C++. Other requirements and relaxations of the first requirement appear at various places within this document. C++ is a general purpose programming language based on the C programming language as described in ISO/IEC 9899:2018 Programming languages - C (hereinafter referred to as the C standard). C++ provides many facilities beyond those provided by C, including additional data types, classes, templates, exceptions, namespaces, operator overloading, function name overloading, references, free store management operators, and additional library facilities.

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

Kim Quigley <kquigley@itic.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 19790:2025 [202x], Information security, cybersecurity and privacy protection - Security requirements for cryptographic modules (identical national adoption of ISO/IEC 19790:2025 and revision of INCITS/ISO/IEC 19790:2012 [R2024])
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

Specifies the security requirements for a cryptographic module utilized within a security system protecting sensitive information in Information and Communication Technologies (ICT). It defines four security levels for cryptographic modules to provide for a wide spectrum of data sensitivity and a diversity of application environments. This document specifies up to four security levels for each of the 11 requirement areas with each security level increasing security over the preceding level.

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

Kim Quigley <kquigley@itic.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

National Adoption

INCITS/ISO/IEC 24759:2025 [202x], Information security, cybersecurity and privacy protection - Test requirements for cryptographic modules (identical national adoption of ISO/IEC 24759:2025 and revision of INCITS/ISO/IEC 24759:2017 [R2023])
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

Specifies the methods to be used by testing laboratories to test whether the cryptographic module conforms to the requirements specified in ISO/IEC 19790:2025. The methods are developed to provide a high degree of objectivity during the testing process and to ensure consistency across the testing laboratories. This document also specifies the information that vendors are required to provide testing laboratories as supporting evidence to demonstrate their cryptographic modulesâ€™ conformity to the requirements specified in ISO/IEC 19790:2025. Vendors can also use this document to verify whether their cryptographic modules satisfy the requirements specified in ISO/IEC 19790:2025 before applying to a testing laboratory for testing.

NEMA (ASC C18) (National Electrical Manufacturers Association)

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

Revision

BSR C18.1M Part 2-202X, Standard for Portable Primary Cells and Batteries with Aqueous Electrolyte - Safety Standard (revision of ANSI C18.1M Part 2-2024)
Stakeholders: Manfacturers, consumers electronics, government regulators, and testing laboratories

Project Need: Introduce new requirements for safety.

Interest Categories: Producers, Users, General Interests and Testing Labs

This standard specifies tests and requirements for portable primary batteries with aqueous electrolyte and zinc anode (non-lithium) to ensure their safe operation under normal use and reasonably foreseeable misuse.

NEMA (National Electrical Manufacturers Association)

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

Revision

BSR/C18.3M, Part 2-202x, Portable Lithium Primary Cells and Batteries - Safety Standard (revision of ANSI C18.3M, Part 2-2024) (revision of ANSI C18.3M, Part 2-2024)
Stakeholders: Manfacturers, users and testing laboratories of Portable Rechargeable Cells and Batteries

Project Need: Revision of current standard needed to be maintained.

Interest Categories: Producers, Users, General Interests and Testing Labs

This standard specifies tests and requirements for portable primary lithium cells and batteries, both the chemical systems and the types covered in ANSI C18.3M, Part 1, to ensure their safe operation under normal use and reasonably foreseeable misuse. For reference, the chemical systems standardized in ANSI C18.3M, Part 1, are: lithium carbon monofluoride; lithium manganese dioxide; lithium iron disulfide.

NEMA (National Electrical Manufacturers Association)

Michael Leibowitz <mike.leibowitz@nema.org> | 1300 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Revision

BSR/NEMA MW 10000-202x, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2023)
Stakeholders: Magnet wire, motor, generator, transformer and automotive manufacturers

Project Need: This project is needed to implement revisions necessary to clarify test requirements and to add new product specification sheets.

Interest Categories: Producer, User, General Interest

This publication presents in concise and convenient form all existing NEMA Standards for magnet wire. It contains Standards for round, rectangular, and square film-insulated and/or fibrous-covered copper and aluminum magnet wire for use in electrical apparatus. Included are the definitions, type designations, dimensions, constructions, performance, and test methods for magnet wire generally used in the winding of coils for electrical apparatus. Unless otherwise stated, a revision to a product specification in this Standards publication does not affect compliance of product manufactured during the time a previous version of that specification was in effect.

RESOLVE (Resolve, Inc.)

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

New Standard

BSR/RESOLVE RES-006-202x, Reusable packaging systems design standard: Collection Points (new standard)
Stakeholders: Businesses including consumer goods companies, restaurant and food service companies, retailers, reuse service providers, product manufacturers or component suppliers. Consumers: Individual consumers, organizations that represent consumers, or community groups. Workers: Individuals or organizations that represent formal or informal workers in roles related to or impacted by reusable packaging, including but not limited to workers at manufacturing facilities, food service and retail businesses, container sorting and washing facilities, transport and logistics companies, and workers in recycling or waste collection. Government: Representatives from national or local government agencies, including food and drug agencies, health or environmental agencies, public utilities, or other agencies that may be involved in aspects of packaging regulation, production, use, or end-of-life. Testing and Standards: Organizations that test and/or certify products, services, or systems covered by the standards, or that develop standards/codes related to the products, services, or systems covered by the standards. General interest: Community activists, academia, scientists, expert consultants, etc that are not covered by the other participation categories, such as representatives from groups impacted by packaging production or waste, professional societies and trade associations, attorneys, or food safety experts.

Project Need: As reusable packaging systems have rapidly emerged in recent years, they have been designed independently and are mostly small-scale and disconnected. This standard will help align systems and infrastructure, creating interoperability, efficiencies, convenience, and cost savings.

Interest Categories: Businesses including consumer goods companies, restaurant and food service companies, retailers, reuse service providers, product manufacturers or component suppliers; Consumers; Workers; Government; Testing and Standards (Organizations that test and/or certify products, services, or systems covered by the standards); General interest

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

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 2367A-202x, Standard for Safety for Solid State Overcurrent Protector Modules (new standard)
Stakeholders: AHJs, installers, service/maintenance personnel, manufacturers of electrical distribution/industrial control end assemblies (such as UL 508A industrial control panels), and manufacturers of power supplies using UL 61010-1 and UL 508.

Project Need: There is a need for solid-state overcurrent protector modules to be covered by a new Standard, UL 2367A, as they are currently being evaluated in UL 2367 – Solid State Overcurrent Protectors. UL 2367 was specifically written for Integrated Circuits (ICs). In contrast, the modules covered by UL 2367A have a different structure and end product use. They are intended to be used on the load side of an isolating transformer, power supply, or battery, providing supplementary protection.

Interest Categories: General, Producer, Supply Chain, AHJ, Commercial/Industrial User

This standard will cover solid-state overcurrent protector modules. These devices are designed with semiconductor switches that limit the output current to a pre-determined level or open the circuit when the output load exceeds the current-limit threshold or when a load-side short-circuit is present.

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 20, 2025

NSF (NSF International)

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

Revision

BSR/NSF 58-202x (i113r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58 -2024)
The point-of-use (POU) RO drinking water treatment 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 by this standard are intended for reduction of total dissolved solids (TDS) and other contaminants specified herein.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 58-202x (i114r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58 -2024)
The point-of-use (POU) RO drinking water treatment 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 by this standard are intended for reduction of total dissolved solids (TDS) and other contaminants specified herein.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

Comment Deadline: July 20, 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 (i197r1), 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: Amy Jump <ajump@nsf.org>

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 248-21-202x, Standard for Low-Voltage Fuses - Part 21: Fuses for the Protection of Batteries and Battery Systems (new standard)
A proposed First Edition of UL 248-21, Standard for Low-Voltage Fuses - Part 21: Fuses for the Protection of Batteries and Battery Systems, which includes the requirements for fuses specific to the protection of battery and battery systems operating at or below 2000 V dc.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 414-202x, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2024)
A proposed revision to UL 414, Standard for Meter Sockets, which includes the following: (2) Short Circuit Closing Angle; (7) Power Control System for Load Control.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1740-202x, Standard for Safety for Robots and Robotic Equipment (revision of ANSI/UL 1740-2023)
The following are being recirculated for your review; (2) Removal of Appendix A.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: July 20, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 3703-202x, Standard for Safety for Solar Trackers (revision of ANSI/UL 3703-2025)
Expansion and Clarification of the Flexing Test, Section 52, to Include the Testing of Bonding Straps.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.org/ProposalAvailable

Comment Deadline: August 4, 2025

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

Revision

BSR/AARST CCAH-202x, Soil Gas Control in New Construction of 1- & 2-Family Dwellings and Townhouses (revision of ANSI/AARST CCAH-2023)
The provisions in this standard of practice provide prescriptive minimum requirements for newly constructed one- and two-family dwellings and townhouses in order to reduce occupant exposure to radon and other hazardous soil gases. Requirements vary depending upon the structure with focus on reliable capacity for reducing soil gas entry into buildings. The provisions optimize the chances of passive benefits while optimizing energy conservation when operating fans where active soil depressurization (ASD) is desired or found to be needed.
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: Same

ACP (American Clean Power Association)

1299 Pennsylvania Ave. NW, Suite 1300, Washington, DC 20004 | dbrown@cleanpower.org, www.cleanpower.org

New Standard

BSR/ACP RP 1001-2-202x, Recommended Practice for Offshore Safety Training and Medical Requirements (new standard)
The intent of this standard is to provide the offshore wind industry with a comprehensive list of minimum and recommended safety training and medical requirements for personnel performing work activities on offshore structures and vessels within the United States Continental Shelf.
Single copy price: Free
Obtain an electronic copy from: https://cleanpower.org/standards-development/
Send comments (copy psa@ansi.org) to: standards@cleanpower.org

ALI (ASC A14) (American Ladder Institute)

1300 Sumner Avenue, Cleveland, OH 4115-2851 | sorenga@thomasamc.com, www.americanladderinstitute.org

Revision

BSR A14.2-202x, Ladders - Portable Metal - Safety Requirements (revision and redesignation of ANSI A14.2 -2017)
This standard prescribes rules governing the safe construction, design, testing, care, and use of portable metal ladders of various types and styles.
Single copy price: Free
Obtain an electronic copy from: info@americanladderinstitute.org
Send comments (copy psa@ansi.org) to: info@americanladderinstitute.org

Comment Deadline: August 4, 2025

ALI (ASC A14) (American Ladder Institute)

1300 Sumner Avenue, Cleveland, OH 4115-2851 | sorenga@thomasamc.com, www.americanladderinstitute.org

Revision

BSR A14.3-202x, Ladders - Fixed - Safety Requirements (revision and redesignation of ANSI A14.3-2008 (R2018))
To provide minimum standards for the design and installation of fixed ladders.
Single copy price: Free
Obtain an electronic copy from: info@americanladderinstitute.org
Send comments (copy psa@ansi.org) to: info@americanladderinstitute.org

ALI (ASC A14) (American Ladder Institute)

1300 Sumner Avenue, Cleveland, OH 4115-2851 | sorenga@thomasamc.com, www.americanladderinstitute.org

Revision

BSR A14.5-202x, Ladders - Portable Reinforced Plastic - Safety Requirements (revision and redesignation of ANSI A14.2-2017)
This standard prescribes rules governing the safe construction, design, testing, care and use of portable reinforced plastic ladders of various types and styles.
Single copy price: Free
Obtain an electronic copy from: info@americanladderinstitute.org
Send comments (copy psa@ansi.org) to: info@americanladderinstitute.org

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 18.1-2020 (R202x), Radioactive Source Term for Normal Operation of Light Water Reactors (reaffirmation of ANSI/ANS 18.1-2020)
This standard provides a set of typical radionuclide concentrations for estimating the radioactivity in the principal fluid systems of light water reactors and for projecting the expected releases of radioactivity from nuclear plants. It is not intended that the values be used as the sole basis for design but be used in environmental reports and elsewhere where expected operating conditions over the life of the plant would be appropriate.
Single copy price: $139.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

ASABE (American Society of Agricultural and Biological Engineers)

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

National Adoption

BSR/ASABE AD5674-2024 MONYEAR-202x, Tractors and machinery for agricultural and forestry - Guards for power take-off (PTO) drive shafts - Strength and wear tests and acceptance criteria (national adoption of ISO 5674:2024 with modifications and revision of ANSI/ASABE AD5674-2004 SEP2015 (R2025))
Nationally adopt the most current version of the ISO standard to ensure international harmonization. ISO 5674:2004 was adopted with deviation in Nov. 2004 prior to the publication of a corrected version from ISO 5674:2004 (July 2005). This revision will adopt the corrected version of ISO 5674:2004 and renumber it to the current ASABE format for ISO adoptions.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Sadie Stell <stell@asabe.org>

Comment Deadline: August 4, 2025

ASABE (American Society of Agricultural and Biological Engineers)

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

National Adoption

BSR/ASABE/ISO 500-3-202x MONYEAR, Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 3: Main PTO dimensions and spline dimensions, location of PTO (identical national adoption of ISO 500 -3:2014 and revision of ANSI/ASABE/ISO 500-3-2014 MAR2015 (R2024))
Revise Type II male spline minor tolerance from 0/-.025 to 0/-.25 to match ISO 500-3. This discrepency was introduced during ASABE/ISO 500-3 initial adoption.
Single copy price: Free
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Sadie Stell <stell@asabe.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 X9.100-160-2-2020 (R202x), Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (reaffirmation of ANSI X9.100-160-2-2020)
The purpose of ANSI X9.100-160, Part 2, is to formalize procedures for assignment, approval, usage and management of the External Processing Code (EPC) field and associated values within the defined field of the MICR line. Location and print specifications are not within the scope of Part 2, and are defined in ANSI X9.100 -160 Part 1 and ANS X9.100-20 (for MICR font E-13B).
Single copy price: $60.00
Obtain an electronic copy from: ambria.calloway@x9.org
Send comments (copy psa@ansi.org) to: ambria.calloway@x9.org

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 231-202x, A Control Description Language for Building Environmental Control Sequences (new standard)
The purpose of ASHRAE Standard 231-202x is to define a declarative graphical programming language for building environmental control sequences that are both human- and machine-readable designed for specification, implementation through machine-to-machine translation, documentation, and simulation.
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

Comment Deadline: August 4, 2025

CTA (Consumer Technology Association)

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

Withdrawal

CTA-814-C R-2023, Emergency Alert Messaging for Cable (withdrawal of ANSI/CTA 814-C/J-STD-42-C-2018 (R2023))
The Emergency Alert System was established decades ago by the federal government as a way to get emergency messages to people in the United States using radio and TV broadcast signals. CTA-814-C describes how consumer-owned devices should respond to emergency alerts over cable TV systems. It applies to consumer-owned devices that directly receive cable TV signals without a cable-company-provided set-top box. A cable company is unlikely to insert an alert message into each of its many programs. Instead, if an alert is important enough, the cable company might send audio or video information about the alert over a single, dedicated channel. It would also send codes to consumer devices instructing them to automatically change channels to the dedicated channel with the alert, and instructing them on how long to remain on the emergency channel until returning to the channel the viewer had been watching. CTA-814-C explains how this is done. This standard is also known as ANSI-J-STD-42-C because it was jointly adopted by CTA and the Society of Cable Telecommunications Engineers.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: standards@cta.tech

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 62391-1-202x, Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (identical national adoption of IEC 62391-1:2022 and revision of ANSI/EIA 62391-1 -2020)
IEC 62391-1:2022 applies to fixed electric double-layer capacitors (hereafter referred to as capacitors) mainly used in DC circuits of electric and electronic equipment. This part of IEC 62391 establishes standard terms, inspection procedures and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.
Single copy price: $145.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

ISA (International Society of Automation)

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

New Standard

BSR/ISA 75.26.01-202x, Control Valve Diagnostic Data Acquisition and Reporting (new standard)
This document applies to all pneumatically operated, automated rotary or reciprocating, on/off, or modulating valves. It also includes automation components (i.e., positioners, transducers, and solenoids) as applicable. It provides a methodology for standardizing the acquisition and reporting of data used in assessing valve condition. This document provides users of diagnostic products with a uniform means of acquiring and reporting data used for diagnosing valve operability. This is necessary to provide the end user with a means of easily and accurately comparing diagnostic results from acquisition devices made by various manufacturers.
Single copy price: $9.00
Obtain an electronic copy from: standards@isa.org
Send comments (copy psa@ansi.org) to: Lynne Franke <lfranke@isa.org>

Comment Deadline: August 4, 2025

TCATA (Textile Care Allied Trades Association)

14039 Independence Blvd. E, Suite A6 #232, Indian Trail, NC 28079 | Luci@tcata.org, www.tcata.org

Revision

BSR/TCATA Z8.1-202X, Commercial Laundry Equipment and Operations - Safety Requirements (revision of ANSI Z8.1-2016 (R2022))
This standard applies to the safety design and safe operation of equipment and some system(s) used in commercial and institutional laundry and drycleaning plants. It does not apply to coin-operated or ticket-operated laundry or any drycleaning establishments (except for Garment Finishing and Pressing Equipment used in plants which primarily process laundered goods).
Single copy price: $50.00
Obtain an electronic copy from: standards@tcata.org
Send comments (copy psa@ansi.org) to: Same

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 65.0-202x, OpenVPX System Standard (revision of ANSI/VITA 65.0-2023)
The OpenVPX System Standard was created to bring versatile system architectural solutions to the VPX market. Based on the extremely flexible VPX family of standards, the OpenVPX standard uses Plug-In Module mechanical, connectors, thermal, communications protocols, utility, and power definitions provided by specific VITA standards to define a series of Slot, Backplane, Module, and Standard Development Chassis Profiles. This revision adds additional communication protocols and Optical Profiles. There are also some clarifications made to the existing text. The associated standard [VITA 65.1] adds Connector Modules and Slot Profile dash options to support the new Optical Profiles as well as some other additions.
Single copy price: $100.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 65.1-202x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2023)
This standard documents variations of Slot, Backplane, and Modules Profiles. As part of the Slot Profile Description, there are also some Connector Modules defined. This document is primarily tables which are referenced by VITA 65.0. This revision adds Connector Modules and Slot Profile dash options to support the new Optical Profiles as well as some other additions.
Single copy price: $100.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: August 19, 2025

FCI (Fluid Controls Institute)

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

Revision

BSR/FCI 18-2-202x, Standard for Installation of Type 1 Secondary Pressure Drainers (revision of ANSI/FCI 18-2 -2020)
The purpose of this standard is to help define the information required for proper installation of Type 1 Secondary Pressure Drainers (SPD) within systems utilizing steam for heat transfer.
Single copy price: Free
Order from: Christopher Johnson <fci@fluidcontrolsinstitute.org>
Send comments (copy psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

ULSE (UL Standards and Engagement)

1603 Orrington Ave., Suite 2000, Evanston, IL 60201 | anna.roessing-zewe@ul.org, https://ulse.org/

Revision

BSR/CAN/UL 72-202x, Standard for Tests for Fire Resistance of Record Protection Equipment (revision of ANSI/UL 72-2015 (R2020))
1.1 These requirements cover the test procedures applicable to the fire-resistance classification of record protection equipment intended to provide protection to one or more types of records when exposed to various durations of fire exposure.
1.2 Record protection equipment consists of self-contained, moveable devices of varying configurations, such as insulated bodies with insulated doors or drawers or lids, nonrated multidrawer devices housing individually rated drawer bodies, and other similar constructions. 1.3 Tests conducted in accordance with these requirements are intended to demonstrate the performance of record protection equipment during exposure to fire, but are not intended to determine acceptability for use after fire exposure.
Single copy price: Free
Order from: Follow the instructions in the following website to create an account for access to CSDS: https://csds.ul.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: August 19, 2025

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 217-202x, Standard for Smoke Alarms (revision of ANSI/UL 217-2024)
These requirements cover electrically operated single and multiple station smoke alarms intended for open area protection in indoor locations and portable smoke alarms used as travel alarms in accordance with:
(a) In Canada:
(1) Installation of Smoke Alarms, ULC 553;
(2) National Building Code of Canada; and
(3) National Fire Code of Canada.
(b) In the United States:
(1) National Fire Alarm and Signaling Code, NFPA 72;
(2) Standard for Recreational Vehicles, NFPA 501C, for smoke alarms intended for use in recreational vehicles;
(3) For smoke alarms intended for use in recreational boats:
(i) Fire Protection Standard for Pleasure and Commercial Motor Craft, NFPA 302;
(ii) AC and DC Electrical Systems on Boats, ABYC E-11; and
(iii) The applicable regulations of the United States Coast Guard.
Single copy price: Free
Order from: csds.ul.org
Send comments (copy psa@ansi.org) to: csds.ul.org

Project Withdrawn

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

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE 3556-202x, Guide for Direct Current Fast Charging Cables with Thermal Management for Electric Vehicles (new standard)
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 971-2014 (R2019), 4 mm Embossed Carrier Taping of Micro-Sized Surface Mount Components for Automatic Handling (reaffirmation of ANSI/EIA 971-2014)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Laura Donohoe <ldonohoe@ecianow.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.

AAFS (American Academy of Forensic Sciences)

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

ANSI/ASB Std 102-2025, Standard for Verification of Source Conclusions in Toolmark Examinations (new standard) Final Action Date: 6/11/2025 | *New Standard*

ABTG (Applied Building Technology Group)

6300 Enterprise Lane, Madison, WI 53719 | mcaldwell@qualtim.com, www.appliedbuildingtech.com

ANSI/ABTG FS 100-2025, Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulating Sheathing Used in Exterior Wall Covering Assemblies (revision of ANSI/ABTG FS 100-2012 (R2018)) Final Action Date: 6/11/2025 | *Revision*

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

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

ANSI/AHRI Standard 390-2025 (I-P), Performance Rating of Single Package Vertical Air-conditioners and Heat Pumps (revision of ANSI/AHRI Standard 390-2021 (I-P)) Final Action Date: 6/11/2025 | *Revision*

ANS (American Nuclear Society)

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

ANSI/ANS 59.51-1997 (R2025), Fuel Oil Systems for Safety-Related Emergency Diesel Generators (reaffirmation of ANSI/ANS 59.51-1997 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ANSI/ANS 59.52-1998 (R2025), Lubricating Oil Systems for Safety-Related Emergency Diesel Generators (reaffirmation of ANSI/ANS 59.52-1998 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ASA (ASC S1) (Acoustical Society of America)

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

ANSI ASA S12.56/ISO 3746 (R2025), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S12.56-2011/ISO 3746:2010 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.54-2011/ISO 3744-2010 (R2025), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane (reaffirm a national adoption ANSI/ASA S12.54-2011/ISO 3744-2010 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.57-2011/ISO 3747-2010 (R2025), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering/survey methods for use in situ in a reverberant environment (reaffirm a national adoption ANSI/ASA S12.57-2011/ISO 3747-2010 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.72-2015 (R2025), Procedure for Measuring the Ambient Noise Level in a Room (reaffirmation of ANSI/ASA S12.72-2015 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ASA (ASC S12) (Acoustical Society of America)

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

ANSI/ASA S12.6-2016 (R2025), Methods for Measuring the Real-ear Attenuation of Hearing Protectors (reaffirmation of ANSI/ASA S12.6-2016 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.9-2016/Part 7 (R2025), Quantities and Procedures for Description and Measurement of Environmental Sound - Part 7: Measurement of Low-frequency Noise and Infrasound Outdoors in the Presence of Wind and Indoors in Occupied Spaces (reaffirmation of ANSI/ASA S12.9-2016/Part 7 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.23-1989 (R2025), Method for the Designation of Sound Power Emitted by Machinery and Equipment (reaffirmation of ANSI/ASA S12.23-1989 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ANSI/ASA S12.51-2012/ISO 3741-2010 (R2025), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for reverberation test rooms (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S12.51-2012/ISO 3741-2010 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.53-2011/Part 1/ISO 3743-1:2010 (R2025), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 1: Comparison method for a hard-walled test room (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S12.53-2011/Part 1/ISO 3743-1:2010 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.65-2006 (R2025), Rating Noise with Respect to Speech Interference (reaffirmation of ANSI/ASA S12.65 -2006 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.67-2008 (R2025), Pre-Installation Airborne Sound Measurements and Acceptance Criteria of Shipboard Equipment (reaffirmation of ANSI/ASA S12.67-2008 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.68-2007 (R2025), Methods of Estimating Effective A-Weighted Sound Pressure Levels When Hearing Protectors Are Worn (reaffirmation of ANSI/ASA S12.68-2007 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.69-2010 (R2025), Procedure for Testing Railroad Horns ex situ (reaffirmation of ANSI/ASA S12.69-2010 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.70-2016 (R2025), Criteria for Evaluating Speech Privacy in Healthcare Facilities (reaffirmation of ANSI/ASA S12.70-2016 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/ASA S12.76-2017 (R2025), Methods for Measurement of Supersonic Jet Noise from Uninstalled Military Aircraft Engines (reaffirmation of ANSI/ASA S12.76-2017 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ASA (ASC S2) (Acoustical Society of America)

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

ANSI/ASA S2.25-2004 (R2025), Guide for the Measurement, Reporting, and Evaluation of Hull and Superstructure Vibration in Ships (reaffirmation of ANSI/ASA S2.25-2004 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ANSI/ASA S2.46-1989 (R2025), Characteristics to be Specified for Seismic Transducers (reaffirmation of ANSI/ASA S2.46 -1989 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ANSI/ASA S2.61-1989 (R2025), Guide to the Mechanical Mounting of Accelerometers (reaffirmation of ANSI/ASA S2.61 -1989 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ASA (ASC S2) (Acoustical Society of America)

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

ANSI/ASA S2.70-2006 (R2025), Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the Hand (reaffirmation of ANSI/ASA S2.70-2006 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ANSI/ASA S2.71-1983 (R2025), Guide to the Evaluation of Human Exposure to Vibration in Buildings (reaffirmation of ANSI/ASA S2.71-1983 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ANSI/ASA S12.75-2012 (R2025), Methods for the Measurement of Noise Emissions from High Performance Military Jet Aircraft (reaffirmation of ANSI/ASA S12.75-2012 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ASA (ASC S3) (Acoustical Society of America)

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

ANSI/ASA S3.4-2007 (R2025), Procedure for the Computation of Loudness of Steady Sounds (reaffirmation of ANSI/ASA S3.4-2007 (R2020)) Final Action Date: 6/12/2025 | *Reaffirmation*

ANSI/ASA S3.52-2016 (R2025), Standard Measurements of the Threshold of Hearing and Signal Detectability in a Sound Field. (reaffirmation of ANSI/ASA S3.52-2016 (R2020)) Final Action Date: 6/12/2025 | *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 BPVC Section I-2025, Rules for Construction of Power Boilers (revision of ANSI/ASME BPVC Section I-2023) Final Action Date: 6/10/2025 | *Revision*

ANSI/ASME BPVC Section VII-2025, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2023) Final Action Date: 6/10/2025 | *Revision*

ANSI/ASME Y14.35-2025, Revision of Product Definition Data Sets (revision of ANSI/ASME Y14.35-2014 (R2019)) Final Action Date: 6/10/2025 | *Revision*

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

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

ANSI/ASSE 1061-2025, Performance Requirements for Push-Fit Fittings (revision of ANSI/ASSE 1061-2020) Final Action Date: 6/9/2025 | *Revision*

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP FB v63-2025, NCPDP Formulary and Benefit Standard v63 (revision and redesignation of ANSI/NCPDP FB v62-2024) Final Action Date: 6/10/2025 | *Revision*

ANSI/NCPDP Medicaid Pharmacy Encounters Reporting Standard V20-2025, NCPDP Medicaid Pharmacy Encounters Reporting Standard V20 (revision and redesignation of ANSI/NCPDP Medicaid Pharmacy Encounters Reporting Standard V10-2022) Final Action Date: 6/10/2025 | *Revision*

ANSI/NCPDP SC v2025071-2025, NCPDP SCRIPT Standard v2025071 (revision and redesignation of ANSI/NCPDP SC v2025011-2024) Final Action Date: 6/10/2025 | *Revision*

ANSI/NCPDP Specialized Standard v2025071-2025, NCPDP Specialized Standard v2025071 (revision and redesignation of ANSI/NCPDP Specialized Standard v2025011-2024) Final Action Date: 6/10/2025 | *Revision*

NSF (NSF International)

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

ANSI/NSF 140-2025 (i30r2), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2019) Final Action Date: 6/7/2025 | *Revision*

SEIA (Solar Energy Industries Association)

1425 K Street, NW, Suite 1000, Washington 20005 | jmartin@seia.org, www.seia.org

ANSI/SEIA 301-2025, Solar and Energy Storage Operations and Maintenance Standard: Technician Training (new standard) Final Action Date: 6/10/2025 | *New Standard*

ULSE (UL Standards and Engagement)

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

ANSI/UL 60745-2-17-2011 (R2025), UL Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-17: Particular Requirements for Routers and Trimmers (reaffirmation of ANSI/UL 60745-2-17-2011 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/UL 60745-2-23-2015 (R2025), UL Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools (reaffirmation of ANSI/UL 60745-2-23-2015 (R2020)) Final Action Date: 6/11/2025 | *Reaffirmation*

ANSI/UL 13-2025, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2022) Final Action Date: 6/12/2025 | *Revision*

ANSI/UL 1283-2025, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2020 (R2024)) Final Action Date: 6/13/2025 | *Revision*

ANSI/UL 2250-2025, Standard for Safety for Instrumentation Tray Cable (revision of ANSI/UL 2250-2022) Final Action Date: 6/12/2025 | *Revision*

ANSI/UL 2703-2025, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2024) Final Action Date: 6/11/2025 | *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:

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

AAFS - American Academy of Forensic Sciences

Application Deadline: August 1, 2025

New membership opportunities for all existing consensus bodies. Application Deadline: August 1, 2025
New membership opportunities for existing consensus bodies: Anthropology, Bloodstain Pattern Analysis, CSI, DNA, Dogs and Sensors, Firearms and Toolmarks, Footwear and Tire, Forensic Document Examination, Forensic Nursing, Forensic Odontology, Friction Ridge, Mass Fatality Management and Disaster Victim Identification, Medicolegal Death Investigation, Toxicology, Wildlife Forensics.
The Academy Standards Board (ASB) of the American Academy of Forensic Sciences (AAFS) is an ANSI-accredited Standards Development Organization. It is announcing a call for new members for all existing consensus bodies. The consensus bodies have 7 to 25 members based on applications received. Members will be selected by the Board of Directors of the ASB. The ASB has six interest categories, applicants are encouraged to apply in their self-selected interest category. A person may apply to one or more Consensus Body, and need not indicate the same interest category for each Consensus Body application. An on-line application form is available at https://www.aafs.org/academy-standards-board, the website also contains links to several relevant documents describing the ASB. Applicants are requested to submit the online form to be considered for serving on the ASB consensus bodies by August 1, 2025
Questions: Teresa Ambrosius, TAmbrosius@aafs.org, 719-453-1036.

AARST (American Association of Radon Scientists and Technologists)

527 N. Justice Street, Hendersonville, NC 28739 | StandardsAssist@gmail.com, www.aarst.org

BSR/AARST CCAH-202x, Soil Gas Control in New Construction of 1- & 2-Family Dwellings and Townhouses (revision of ANSI/AARST CCAH-2023)

ACP (American Clean Power Association)

1299 Pennsylvania Ave. NW, Suite 1300, Washington, DC 20004 | dbrown@cleanpower.org, www.cleanpower.org

BSR/ACP RP 1001-2-202x, Recommended Practice for Offshore Safety Training and Medical Requirements (new standard)

AMPP (Association for Materials Protection and Performance)

15835 Park Ten Place, Houston, TX 77084 | Kelly.Heitman@ampp.org, www.ampp.org

BSR/AMPP NACE SP0300-202x/ISO 16784-1;2024, Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 1: Guidelines and requirements for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems (national adoption of ISO 16784 -1:2024 with modifications and revision of ANSI/NACE SP0300-2016/ISO 16784-1-2006)

APCO (Association of Public-Safety Communications Officials-International)

351 N Williamson Blvd, Daytona Beach, FL 32114-1112 | smithr@apcointl.org, www.apcoIntl.org

BSR/APCO 2.103.3-202X, Public Safety Communications Common Incident Types for Data Exchange (revision and redesignation of ANSI/APCO 2.103.2-2019)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE AD5674-2024 MONYEAR-202x, Tractors and machinery for agricultural and forestry - Guards for power take-off (PTO) drive shafts - Strength and wear tests and acceptance criteria (national adoption of ISO 5674:2024 with modifications and revision of ANSI/ASABE AD5674-2004 SEP2015 (R2025))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ISO 500-3-202x MONYEAR, Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 3: Main PTO dimensions and spline dimensions, location of PTO (identical national adoption of ISO 500-3:2014 and revision of ANSI/ASABE/ISO 500-3-2014 MAR2015 (R2024))

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

BSR X9.100-160-2-2020 (R202x), Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (reaffirmation of ANSI X9.100-160-2-2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 62391-1-202x, Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (identical national adoption of IEC 62391-1:2022 and revision of ANSI/EIA 62391-1-2020)

FCI (Fluid Controls Institute)

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

BSR/FCI 18-2-202x, Standard for Installation of Type 1 Secondary Pressure Drainers (revision of ANSI/FCI 18-2 -2020)

ISA (International Society of Automation)

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

BSR/ISA 75.26.01-202x, Control Valve Diagnostic Data Acquisition and Reporting (new standard)

ISA (International Society of Automation)

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

BSR/ISA 96.03.01-2019 (R202x), Guidelines for the Specification of Heavy Duty Pneumatically Powered Quarter Turn Scotch Yoke Valve Actuators (reaffirmation of ANSI/ISA 96.03.01-2019)

ISEA (International Safety Equipment Association)

1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | ajarrell@safetyequipment.org, www.safetyequipment.org

BSR/ISEA 500-202x, Ultra-Violet (UV) Protective Work Wear (new standard)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 9868:2025 [202x], Information technology - Design, development, use and maintenance of biometric identification systems involving passive capture subjects (identical national adoption of ISO/IEC 9868:2025)

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 9899:2024 [202x], Information technology - Programming languages - C (identical national adoption of ISO/IEC 9899:2024 and revision of INCITS/ISO/IEC 9899:2018 [R2024])

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

700 K Street NW, Suite 600, Washington, DC 20001 | INCITS-comments@connectedcommunity.org, www.incits.org

INCITS/ISO/IEC 14882:2024 [202x], Programming languages - C++ (identical national adoption of ISO/IEC 14882:2024 and revision of INCITS/ISO/IEC 14882:2020 [2021])

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

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

INCITS/ISO/IEC 19790:2025 [202x], Information security, cybersecurity and privacy protection - Security requirements for cryptographic modules (identical national adoption of ISO/IEC 19790:2025 and revision of INCITS/ISO/IEC 19790:2012 [R2024])

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

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

INCITS/ISO/IEC 24759:2025 [202x], Information security, cybersecurity and privacy protection - Test requirements for cryptographic modules (identical national adoption of ISO/IEC 24759:2025 and revision of INCITS/ISO/IEC 24759:2017 [R2023])

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | mike.leibowitz@nema.org, www.nema.org

BSR/NEMA MW 10000-202x, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2023)

NSF (NSF International)

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

BSR/NSF 58-202x (i113r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2024)

NSF (NSF International)

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

BSR/NSF 58-202x (i114r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2024)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i197r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2024)

RESOLVE (Resolve, Inc.)

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

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

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 65.0-202x, OpenVPX System Standard (revision of ANSI/VITA 65.0-2023)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 65.1-202x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2023)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

A3 - Association for Advancing Automation

Meeting Time: July 18, 8:00 to 10:00 a.m. EDT, Wednesday, August 27, 1:00 to 3:00 p.m. EDT, Thursday, August 28, 1:00 to 3:00 p.m. EDT

ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety

Meeting Format & Location: Remote via Teams
Meeting Sponsor/Host: A3, Association for Advancing Automation
Purpose: Resolution of public comments on R15.06 (Parts 1 and 2)
Day/Date/Time: Friday, July 18, 8:00 to 10:00 a.m. EDT
For More Information: Contact Maren Roush, mroush@automate.org

Meeting Format & Location: Remote via Teams
Meeting Sponsor/Host: A3, Association for Advancing Automation
Purpose: Resolution of public comments on R15.06 (Part 3)
Day/Date/Time: Wednesday, August 27, 1:00 to 3:00 p.m. EDT
For More Information: Contact Maren Roush, mroush@automate.org
Note: May be rescheduled if necessary

Meeting Format & Location: Remote via Teams
Meeting Sponsor/Host: A3, Association for Advancing Automation
Purpose: Resolution of public comments on R15.06 (Part 3)
Day/Date/Time: Thursday, August 28, 1:00 to 3:00 p.m. EDT
For More Information: Contact Maren Roush, mroush@automate.org
Note: May be rescheduled if necessary

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

B11 Standards Development Committee

5-6 August 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).

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

AARST
American Association of Radon Scientists and Technologists
527 N. Justice Street
Hendersonville, NC 28739
www.aarst.org

Gary Hodgden
StandardsAssist@gmail.com

ABTG
Applied Building Technology Group
6300 Enterprise Lane
Madison, WI 53719
www.appliedbuildingtech.com

Mindy Caldwell
mcaldwell@qualtim.com

ACP
American Clean Power Association
1299 Pennsylvania Ave. NW, Suite 1300
Washington, DC 20004
www.cleanpower.org

Duane Brown
dbrown@cleanpower.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2311 Wilson Boulevard, Suite 400
Arlington, VA 22201
www.ahrinet.org

Jerry Yeh
jyeh2@ahrinet.org

ALI (ASC A14)
American Ladder Institute
1300 Sumner Avenue
Cleveland, OH 4115-
www.americanladderinstitute.org

Susan Orenga
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AMPP
Association for Materials Protection and Performance
15835 Park Ten Place
Houston, TX 77084
www.ampp.org

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

Kathryn Murdoch
kmurdoch@ans.org

APCO
Association of Public-Safety Communications Officials-International
351 N Williamson Blvd
Daytona Beach, FL 32114
www.apcoIntl.org

Rosa Smith
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APCO
Association of Public-Safety Communications Officials-International
351 N. Williamson Boulevard
Daytona Beach, FL 32114
www.apcoIntl.org

Crystal Lawrence
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ASA (ASC S1)
Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASA (ASC S12)
Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASA (ASC S2)
Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Raegan Ripley
standards@acousticalsociety.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

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ASABE
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Saint Joseph, MI 49085
https://www.asabe.org/

Sadie Stell
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ASC X9
Accredited Standards Committee X9, Incorporated
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www.x9.org

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ASHRAE
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180 Technology Parkway
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www.ashrae.org

Carmen King
cking@ashrae.org

ASME
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Two Park Avenue, M/S 6-2B
New York, NY 10016
www.asme.org

Terrell Henry
ansibox@asme.org

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

Kerri Haresign
KHaresign@cta.tech

ECIA
Electronic Components Industry Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
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Laura Donohoe
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FCI
Fluid Controls Institute
1300 Sumner Avenue
Cleveland, OH 44115
www.fluidcontrolsinstitute.org

Leslie Schraff
fci@fluidcontrolsinstitute.org

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

Terry Burger
standards@iapmostandards.org

ISA (Organization)
International Society of Automation
3252 S. Miami Blvd, Suite 102
Durham, NC 27703
www.isa.org

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ISEA
International Safety Equipment Association
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NEMA (ASC C8)
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NSF
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Hannah Alday
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SEIA
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1425 K Street, NW
Suite 1000, Washington 20005
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TCATA
Textile Care Allied Trades Association
14039 Independence Blvd. E, Suite A6 #232
Indian Trail, NC 28079
www.tcata.org

Luci Ward
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ULSE
UL Standards & Engagement
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929 W. Portobello Avenue
Mesa, AZ 85210
www.vita.com

Jing Kwok
jing.kwok@vita.com

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

Air quality (TC 146)

ISO/DIS 16911-1, Stationary source emissions - Manual and automatic determination of velocity and volume flow rate in ducts - Part 1: Manual reference method - 8/31/2025, $155.00

Aircraft and space vehicles (TC 20)

ISO/DIS 21886, Space systems - Configuration management - 9/4/2025, $93.00

ISO/DIS 23665, Uncrewed aircraft systems - Training for personnel involved in UAS operations - 9/1/2025, $175.00

Anaesthetic and respiratory equipment (TC 121)

ISO 5361:2023/DAmd 1, - Amendment 1: Anaesthetic and respiratory equipment - Tracheal tubes and connectors - Amendment 1: Anaesthetic and respiratory equipment - Tracheal tubes and connectors - Amendment 1: Reinstatement of third edition S1 dimensions - 8/29/2025, $29.00

ISO 10079-1:2022/DAmd 1, - Amendment 1: Medical suction equipment - Part 1: Electrically powered suction equipment - Amendment 1: Ingress of water - 8/28/2025, $29.00

Ceramic tile (TC 189)

ISO/DIS 17889-3, Ceramic tiling systems - Sustainability for ceramic tiles and installation materials - Part 3: Guidelines for the application and verification of ISO 17889-1 and 17889-2 - 8/31/2025, $88.00

Dentistry (TC 106)

ISO/DIS 21611, Dentistry - Vocabulary for Source Conclusion for Human Identification by Dental Evidence - 8/28/2025, $29.00

ISO/DIS 28399, Dentistry - External tooth bleaching products - 9/4/2025, $82.00

Industrial automation systems and integration (TC 184)

ISO/DIS 16400-4, Automation systems and integration - Equipment behaviour catalogues for virtual production system - Part 4: Application methods - 9/4/2025, $82.00

ISO/DIS 23247-5, Automation systems and integration - Digital twin framework for manufacturing - Part 5: Digital thread for digital twin - 8/30/2025, $88.00

Industrial trucks (TC 110)

ISO/DIS 22915-4, Industrial trucks - Verification of stability - Part 4: Pallet-stacking trucks, double-stackers and order-picking trucks with operator position elevating up to and including 1 200 mm lift height - 9/1/2025, $53.00

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

ISO/DIS 21809-3, Oil and gas industries including lower carbon energy - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 3: Field joint coatings - 8/29/2025, $185.00

Natural gas (TC 193)

ISO/DIS 23219, Natural gas - Format for data from gas chromatograph analysers for natural gas - XML file format - 9/4/2025, $88.00

Refrigeration (TC 86)

ISO/DIS 5149-1.2, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Vocabulary - 6/20/2025, $119.00

ISO/DIS 5149-3.2, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 3: Installation site, classification and selection criteria - 6/26/2025, $125.00

Sharing economy (TC 324)

ISO/DIS 42503, Sharing economy - Framework for implementation - 9/1/2025, $53.00

Ships and marine technology (TC 8)

ISO/DIS 22120, Ships and marine technology - Specification for bunkering of methanol fuelled vessels - 8/28/2025, $102.00

ISO/DIS 24409-2, Ships and marine technology - Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings - Part 2: Catalogue of shipboard safety signs and fire control plan signs - 9/4/2025, $146.00

Soil quality (TC 190)

ISO/DIS 23611-6, Soil quality - Sampling of soil invertebrates - Part 6: Guidance for the design of sampling programmes with soil invertebrates - 8/30/2025, $77.00

(TC 328)

ISO/DIS 25146, Determination of the chemical resistance of engineered stones - 8/30/2025, $53.00

Textiles (TC 38)

ISO/DIS 10325, Fibre ropes - High modulus polyethylene - 8-strand braided ropes, 12-strand braided ropes and covered ropes - 8/30/2025, $46.00

ISO/DIS 18692-1, Fibre ropes for offshore stationkeeping - Part 1: General specification - 8/31/2025, $112.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 11783-12, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 12: Diagnostics services - 8/28/2025, $107.00

Transport information and control systems (TC 204)

ISO/DIS 23792-1, Intelligent transport systems - Motorway chauffeur systems (MCS) - Part 1: Framework and general requirements - 8/29/2025, $107.00

Vacuum technology (TC 112)

ISO/DIS 3567, Vacuum gauges - Calibration by direct comparison with a reference gauge - 9/1/2025, $67.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 17839-3, Information technology - Biometric System-on-Card - Part 3: Logical information interchange mechanism - 8/28/2025, $82.00

ISO/IEC DIS 38505-1, Information technology - Governance of data - Part 1: Application of ISO/IEC 38500 to the governance of data - 9/4/2025, $82.00

ISO/IEC DIS 29110-5-1-3, Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-1-3: Software engineering guidelines for the generic Intermediate profile. - 8/28/2025, $134.00

Other

ISO/IEC 17065:2012/DAmd 1, - Amendment 1: Conformity assessment - Requirements for bodies certifying products, processes and services - Amendment 1 - 8/29/2025, $33.00

IEC Standards

Alarm systems (TC 79)

79/727/FDIS, IEC 62676-4 ED2: Video surveillance systems for use in security applications - Part 4: Application guidelines, 07/25/2025

Automatic controls for household use (TC 72)

72/1487(F)/FDIS, IEC 60730-2-13 ED4: Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls, 06/27/2025

72/1486(F)/FDIS, IEC 60730-2-6 ED4: Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements, 06/27/2025

Electrical accessories (TC 23)

23/1158/NP, PNW 23-1158 ED1: Product specific rules for electrical accessories: General requirements, 08/08/2025

23/1159/NP, PNW 23-1159 ED1: Product specific rules for electrical accessories: Specific requirements for electrical accessories except cable management systems in the scope of SC23A, 08/08/2025

23/1160/NP, PNW 23-1160 ED1: Product specific rules for electrical accessories: Specific requirements for cable management systems in the scope of 23A, 08/08/2025

Electrical apparatus for explosive atmospheres (TC 31)

31/1880/FDIS, IEC 60079-45 ED1: Explosive atmospheres - Part 45 - Electrical Ignition Systems for Internal Combustion Engines, 07/25/2025

Electrical equipment in medical practice (TC 62)

62A/1671/CD, IEC 60601-1/FRAG10 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Ionizing radiation hazards (Fragment 10), 09/05/2025

62A/1672/CD, IEC 60601-1/FRAG12 ED4: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Electromagnetic disturbances hazards (Fragment 12), 09/05/2025

62A/1668/DTS, IEC TS 81001-2-2 ED1: Health software and health IT systems safety, effectiveness and security - Part 2-2: Coordination - Guidance for the implementation, disclosure and communication of security needs, risks and controls, 08/08/2025

Electrical installations of buildings (TC 64)

64/2760(F)/FDIS, IEC 60364-1 ED6: Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, and definitions, 07/04/2025

Electromechanical components and mechanical structures for electronic equipments (TC 48)

48D/784/CDV, IEC 60297-3-101 ED2: Mechanical structures for electrical and electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-101: Subracks and associated plug-in units, 09/05/2025

48D/785/CDV, IEC 60297-3-102 ED2: Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-102: Injector/extractor handle, 09/05/2025

48B/3165/CD, IEC 61076-3-122 ED3: Connectors for electrical and electronic equipment - Product requirements - Part 3-122: Detail specification for 8-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz and current-carrying capacity in industrial environments, 08/08/2025

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

13/1956/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/2575/CDV, IEC 60794-1-128 ED1: Optical fibre cables - Part 1-128: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Cable and fibre mechanical reliability test, Method E28, 09/05/2025

86A/2589(F)/FDIS, IEC 60794-1-214 ED1: Optical fibre cables - Part 1-214: Generic specification - Basic optical cable test procedures - Environmental test methods - Cable UV resistance test, Method F14, 07/18/2025

86B/5073(F)/FDIS, IEC 61300-2-5/AMD1 ED4: Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion, 07/04/2025

86B/5057/CDV, IEC 61754-2 ED2: Fibre optic connector interfaces - Part 2: Type BFOC/2,5 connector family, 09/05/2025

Industrial electroheating equipment (TC 27)

27/1206/CDV, IEC 61307 ED4: Industrial microwave heating installations - Test methods for the determination of power output, 09/05/2025

27/1207/CDV, IEC 61308 ED3: High-frequency dielectric heating installations - Test methods for the determination of power output, 09/05/2025

Industrial-process measurement and control (TC 65)

65A/1178(F)/FDIS, IEC 61512-1 ED2: Batch control - Part 1: Models and terminology, 06/27/2025

65C/1354/DPAS, IEC PAS 63595 ED1: Industrial networks - 5G communication technology - General considerations, 08/08/2025

Instrument transformers (TC 38)

38/820/CDV, IEC 61869-22 ED1: Part 22: Instrument transformers integrated with other devices with U_m ≤ 36 kV - Requirements and tests, 09/05/2025

Performance of household electrical appliances (TC 59)

59K/415/NP, PNW 59K-415 ED1: HOUSEHOLD ELECTRIC COOKING APPLIANCES - Part 3: Steam ovens and combination steam ovens - Methods for measuring performance, 09/05/2025

Power electronics (TC 22)

22F/821(F)/CDV, IEC 61803 ED3: Determination of power losses in high-voltage direct current (HVDC) converter stations, 08/29/2025

Safety of household and similar electrical appliances (TC 61)

61/7453/CD, IEC 60335-2-103/AMD1/FRAG1 ED4: Amendment 1 - Household and similar electrical appliances - Safety - Part 2 -103: Particular requirements for drives for gates, doors and windows (Fragment 1), 08/08/2025

61/7450/CD, IEC 60335-2-109/AMD1 ED2: Amendment 1 - Household and similar electrical appliances - Safety - Part 2 -109: Particular requirements for UV radiation water treatment appliances, 08/08/2025

61/7452/CD, IEC 60335-2-115 ED2: Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances, 08/08/2025

61/7449/CD, IEC 60335-2-41/AMD1 ED5: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-41: Particular requirements for pumps, 08/08/2025

61/7451/CD, IEC 60335-2-84 ED4: Household and similar electrical appliances - Safety - Part 2-84: Particular requirements for toilet appliances, 08/08/2025

61/7457/NP, PNW 61-7457 ED1: Household and similar electric appliances - Safety - Part 2 -xxx. Particular Requirements for Inductive Power Transfer Including Power Source and Load, 09/05/2025

Semiconductor devices (TC 47)

47F/515/NP, PNW 47F-515 ED1: Micro-electromechanical systems-Part 60: Test methods for sensing performances of MEMS resonant electric-field-sensitive devices, 09/05/2025

Solar photovoltaic energy systems (TC 82)

82/2443/NP, PNW 82-2443 ED1: Standardized plug and socket design for DC photovoltaic (PV) systems, 08/08/2025

Standard voltages, current ratings and frequencies (TC 8)

8C/134/CD, IEC TS 63537 ED1: Hardware-in-the-loop Simulation Test of Power System Stability Control System, 08/08/2025

(TC)

SyCSmartCities/382/DTS, IEC SRD 63301-2 ED1: Smart city use case collection and analysis - Water systems in smart cities - Part 2: Use case analysis, 08/08/2025

SyCSmartCities/383/DTS, IEC SRD 63302-2 ED1: Smart city use case collection and analysis - Intelligent operations centre for smart cities - Part 2: Use case analysis, 08/08/2025

SyCLVDC/174/DTS, IEC SRD 63317 ED1: Low-voltage direct current (LVDC) industry applications, 08/08/2025

Tools for live working (TC 78)

78/1521/CDV, IEC 60743/AMD1 ED3: Amendment 1 - Live working - Terminology for tools, devices and equipment, 09/05/2025

Winding wires (TC 55)

55/2067/CDV, IEC 60317-0-1/AMD2 ED4: Amendment 2 - Specifications for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire, 09/05/2025

55/2066/CDV, IEC 60851-5 ED5: Winding wires - Test methods - Part 5: Electrical properties, 09/05/2025

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC43/158/FDIS, ISO/IEC 8663 ED1: Information technology - Brain-computer interfaces - Vocabulary, 08/08/2025

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 6639-1:2025, Cereals and pulses - Determination of hidden insect infestation - Part 1: General principles, $56.00

ISO 6639-2:2025, Cereals and pulses - Determination of hidden insect infestation - Part 2: Sampling, $84.00

ISO 6639-4:2025, Cereals and pulses - Determination of hidden insect infestation - Part 4: Rapid methods, $127.00

Anaesthetic and respiratory equipment (TC 121)

ISO 7376:2020/Amd 1:2025, - Amendment 1: Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation - Amendment 1: Clarification of optical output and illumination requirements, $23.00

Analysis of gases (TC 158)

ISO 6143:2025, Gas analysis - Comparison methods for determining and checking the composition of calibration gas mixtures, $230.00

Banking and related financial services (TC 68)

ISO 24165-2:2025, Digital token identifier (DTI) - Registration, assignment and structure - Part 2: Data elements for registration, $127.00

Corrosion of metals and alloys (TC 156)

ISO 16674:2025, Corrosion control engineering life cycle of power transmission and transformation systems - General requirements, $127.00

ISO 16701:2025, Corrosion of metals and alloys - Corrosion in artificial atmosphere - Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of a salt solution, $230.00

Dentistry (TC 106)

ISO 21850-2:2025, Dentistry - Materials for dental instruments - Part 2: Polymers, $56.00

Essential oils (TC 54)

ISO 4730:2025, Essential oil of Melaleuca, terpinen-4-ol type (tea tree oil), $84.00

Fasteners (TC 2)

ISO 7040:2025, Fasteners - Prevailing torque hexagon nuts - Regular nuts (with non-metallic insert), $84.00

ISO 7041:2025, Fasteners - Prevailing torque hexagon nuts - High nuts (with non-metallic insert), $56.00

ISO 7042:2025, Fasteners - Prevailing torque hexagon nuts - High nuts (all metal), $56.00

ISO 7719:2025, Fasteners - Prevailing torque hexagon nuts - Regular nuts (all metal), $56.00

ISO 7720:2025, Fasteners - Prevailing torque hexagon nuts - High nuts (all metal) with slot(s), $56.00

ISO 10511:2025, Fasteners - Prevailing torque hexagon nuts - Thin nuts (with non-metallic insert), $84.00

ISO 10512:2025, Fasteners - Prevailing torque hexagon nuts - Regular nuts (with non-metallic insert), with fine pitch thread, $56.00

ISO 10513:2025, Fasteners - Prevailing torque hexagon nuts - High nuts (all metal), with fine pitch thread, $56.00

Hydrogen energy technologies (TC 197)

ISO 19881:2025, Gaseous hydrogen - Land vehicle fuel containers, $287.00

Implants for surgery (TC 150)

ISO 23317:2025, Implants for surgery - Materials - Simulated body fluid (SBF) preparation procedure and test method to detect apatite formation in SBF for initial screening of bone-contacting implant materials, $127.00

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

ISO 14313:2025, Oil and gas industries including lower carbon energy - Pipeline transportation systems - Pipeline valves, $56.00

ISO 14723:2025, Oil and gas industries including lower carbon energy - Pipeline transportation systems - Subsea pipeline valves, $56.00

ISO 13503-8:2025, Oil and gas industries including lower carbon energy - Completion fluids and materials - Part 8: Measurement of properties of coated proppants used in hydraulic fracturing, $201.00

Non-destructive testing (TC 135)

ISO 16809:2025, Non-destructive testing - Ultrasonic thickness determination, $201.00

ISO 16827:2025, Non-destructive testing - Ultrasonic testing - Characterization and sizing of discontinuities, $230.00

ISO 15708-4:2025, Non-destructive testing - Radiation methods for computed tomography - Part 4: Qualification, $84.00

Optics and optical instruments (TC 172)

ISO 16671:2025, Ophthalmic implants - Irrigating solutions for ophthalmic surgery, $172.00

Paints and varnishes (TC 35)

ISO 15715:2025, Binders for paints and varnishes - Determination of turbidity, $84.00

ISO 19396-1:2025, Paints and varnishes - Determination of pH value - Part 1: pH sensors with glass membrane, $127.00

ISO 19396-2:2025, Paints and varnishes - Determination of pH value - Part 2: pH sensors with ISFET technology, $84.00

Petroleum products and lubricants (TC 28)

ISO 3170:2025, Hydrocarbon Liquids - Manual sampling, $259.00

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

ISO 24033:2025, Polyethylene of raised temperature resistance (PE-RT) pipes - Effect of time and temperature on the expected strength, $127.00

ISO 12176-2:2025, Plastics pipes and fittings - Equipment for fusion jointing polyethylene systems - Part 2: Electrofusion, $172.00

Road vehicles (TC 22)

ISO 34505:2025, Road vehicles - Test scenarios for automated driving systems - Scenario evaluation and test case generation, $201.00

ISO 11451-1:2025, Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 1: General principles and terminology, $230.00

ISO 11451-2:2025, Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Off-vehicle radiation sources, $230.00

ISO 11452-1:2025, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 1: General principles and terminology, $230.00

ISO 13400-2:2025, Road vehicles - Diagnostic communication over Internet Protocol (DoIP) - Part 2: Transport protocol and network layer services, $259.00

ISO 19206-5:2025, Road vehicles - Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions - Part 5: Requirements for powered two-wheeler targets, $230.00

Soil quality (TC 190)

ISO 18386:2025, Soil quality - Screening method for soil temperature - Measurement by infrared (IR) thermometer, $56.00

Steel (TC 17)

ISO 15630-3:2025, Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel, $230.00

Thermal insulation (TC 163)

ISO 12628:2022/Amd 1:2025, - Amendment 1: Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation - Amendment 1, $23.00

Valves (TC 153)

ISO 12101:2025, Industrial valves - Measurement, test and qualification procedures for fugitive emissions - Classification system and qualification procedures for type testing of stem seals for valves, $172.00

Welding and allied processes (TC 44)

ISO 5821:2025, Resistance welding - Spot welding electrodes - Female electrode caps, $84.00

ISO 14732:2025, Welding personnel - Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials, $127.00

ISO Technical Reports

Geographic information/Geomatics (TC 211)

ISO/TR 19175:2025, Geographic information - Gap analysis of geospatial standards for indoor-outdoor seamless navigation, $127.00

Road vehicles (TC 22)

ISO/TR 17716:2025, Road vehicles - Electrical disturbances from narrowband radiated electromagnetic energy - Radiated immunity for V2X, $230.00

Ships and marine technology (TC 8)

ISO/TR 9814:2025, Ships and marine technology - Good practices of preventing capsizing during turning of ships with large profile height, $201.00

ISO Technical Specifications

Audit data collection (TC 295)

ISO/TS 24815:2025, Exchange formats for audit data collection - Customs and indirect tax extension: XML and JSON, $201.00

ISO/TS 24816:2025, Exchange formats for audit data collection - Government regulated financial reports and payroll extension: XML and JSON, $201.00

Transport information and control systems (TC 204)

ISO/TS 14812:2025, Intelligent transport systems - Vocabulary, $287.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18014-1:2008/Amd 1:2025, - Amendment 1: Information technology - Security techniques - Time-stamping services - Part 1: Framework - Amendment 1, $23.00

IEC Standards

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

IEC 61156-11 Amd.1 Ed. 2.0 en:2025, Amendment 1 - Multicore and symmetrical pair/quad cables for digital communications - Part 11: Symmetrical single pair cables with transmission characteristics up to 1,25 GHz - Horizontal floor wiring - Sectional specification, $13.00

IEC 61156-11 Ed. 2.1 en:2025, Multicore and symmetrical pair/quad cables for digital communications - Part 11: Symmetrical single pair cables with transmission characteristics up to 1,25 GHz - Horizontal floor wiring - Sectional specification, $457.00

Electrostatics (TC 101)

IEC 61340-4-6 Ed. 3.0 b:2025, Electrostatics - Part 4-6: Standard test methods for specific applications - Wrist straps, $200.00

S+ IEC 61340-4-6 Ed. 3.0 en:2025 (Redline version), Electrostatics - Part 4-6: Standard test methods for specific applications - Wrist straps, $340.00

Nuclear instrumentation (TC 45)

IEC 60911 Ed. 2.0 en:2025, Nuclear power plants - Instrumentation systems - Measurements for monitoring adequate cooling within the core of pressurized light water reactors, $361.00

Performance of household electrical appliances (TC 59)

IEC 63510-4-1 Ed. 1.0 en:2025, Household appliances network and grid connectivity - Part 4-1: Communication Protocol Specific Aspects: SPINE, SPINE-IoT and SHIP, $580.00

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

IEC 62841-1 Amd.1 Ed. 1.1 en Cor.1:2025, Corrigendum 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements, $0.00

Wind turbine generator systems (TC 88)

IEC 61400-6 Amd.1 Ed. 1.0 b:2025, Amendment 1 - Wind energy generation systems - Part 6: Tower and foundation design requirements, $361.00

IEC 61400-6 Ed. 1.1 en:2025, Wind energy generation systems - Part 6: Tower and foundation design requirements, $1533.00

IEC Technical Specifications

Solar photovoltaic energy systems (TC 82)

IEC/TS 62804-1 Ed. 2.0 en:2025, Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 1: Crystalline silicon, $258.00

Accreditation Announcements (U.S. TAGs to ISO)

Public Review of Application for Accreditation of a U.S. TAG to ISO

TC 234, Fisheries and aquaculture

Comment Deadline: July 21, 2025

The USDA Agricultural Marketing Service Dairy Program, has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 234, Fisheries and aquaculture, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Michael Sussman, Sr. Research Scientist, USDA Agricultural Marketing Service Dairy Program: 1400 Independence Avenue SW Room 2607 MS0262, Washington, DC 20250, P: (202) 260-9106 E: Michael.Sussman@usda.gov. Please submit any comments to USDA Agricultural Marketing Service Dairy Program by July 21, 2025 (please copy (jthompso@ANSI.org)

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).

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.

[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. The ‹¶ symbol indicates moving the bullet left to a higher level. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI 58:

Reverse Osmosis Drinking Water Treatment Systems

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4 Materials

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4.4 Materials Evaluation

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4.4.3 Exposure

4.4.3.1 The system or component(s) of a system shall be installed, flushed, and conditioned in accordance with the manufacturer's instructions. If instructions are not provided, systems shall be operated with the outlet closed until the storage tank is full, or component(s) shall be flushed with one unit volume using the exposure water (see Section 4.4.2) at an initial inlet static pressure of 340 kPa (50 psig).

4.4.3.2 After flushing and conditioning in accordance with Section 4.4.3.1, systems shall be refilled with exposure water as specified in Section 4.4.2 and maintained for 24 h at an ambient temperature of 23 ± 2 °C (73 ± 3 °F). A water sample shall be collected for analysis by emptying the storage tank completely and then sub-sampling. If the water holding volume of the storage tank is < 2 L, sufficient samples shall be exposed to provide the required volume of extractant water. The system outlet shall then be closed, and the system shall be maintained for another 24 h at an ambient temperature of 23 ± 2 °C (73 ± 3 °F). A water sample shall again be collected for analysis by emptying the storage tank completely and then sub-sampling. This process shall be repeated to give a total of three 24-h exposures. Systems without storage tanks shall be exposed as membrane elements, except that the recovery shall be dictated by the system. Samples collected shall be composited and analyzed in accordance with Section 4.4.1.

This sequence is summarized as follows:

a) Install the test system(s) on the test stand.
b) Flush and condition with exposure water.
c) Close the system outlet and maintain for 24 h.
d) Empty the storage tank(s), if applicable, and sample.
e) Repeat steps c and d for a total of three sampling events.
f) Composite the three samples and analyze.

Components other than membrane elements shall follow the same process but shall be flushed according to the manufacturer’s instructions prior to each 24-h exposure. A daily 2-L collection volume is recommended to ensure there is sufficient volume in the composite sample to conduct the requested analyses. If the water holding volume of the product is > 2 L, the entire volume shall be collected in a suitable collection vessel, and a 2-L subsample obtained from this volume. If the water holding volume of the product is < 2 L, sufficient samples shall be exposed to provide at least $^1/_3$ of the volume required for analysis of extractant water at each sample point. Samples collected shall be composited and analyzed in accordance with Section 4.4.1.

Membrane elements shall follow the same process, with the recovery set at the manufacturer's specification through the use of reject flow control. One membrane element shall be exposed in a suitable housing, with a 2-L sample drawn as product water after each 24-h exposure. The initial exposure shall involve flushing and conditioning in accordance with the manufacturer's instructions. Subsequent exposure shall involve no additional flushing and conditioning after the 2-L sample is drawn. Samples collected shall be composited and analyzed in accordance with Section 4.4.1.

4.4.3.3 A daily 2-L collection volume is recommended to ensure there is sufficient volume in the composite sample to conduct the requested analyses. If the water holding volume of the product is > 2 L, the entire volume shall be collected in a suitable collection vessel, and a 2-L subsample obtained from this volume. If the water holding volume of the product is < 2 L, sufficient samples shall be exposed to provide at least $^1/_3$ of the volume required for analysis of extractant water at each sample point. The maximum number of samples exposed shall not exceed 16 with 125 mL of extractant water drawn from each sample. If the components with a water holding volume that is < 250 mL and is able to be identified as one that ~~will~~ only occurs once in the flow path of dispensed treated water (such as diverters, faucets, RO shutoff valves, or specialty components) then a volume of 250 mL shall be drawn from each sample using a maximum number of eight samples.

4.4.3.4 All samples collected shall be composited and analyzed in accordance the applicable methods referenced in Section 4.4.1. For multiple outlet systems, a composite sample shall be collected from all potable water outlets. The unit volume of the system shall be divided by the total number of potable water outlets and this amount shall be collected from each outlet. Systems that are designed to heat or cool the product water shall be connected to an appropriate power source and operated to heat or cool the water. The system shall be operated at the manufacturer's default temperature setting. If adjustable, the system shall be operated at the highest setting available.

4.4.3.45 Systems with adsorptive or absorptive media shall be tested with and without the media. Testing without media shall include removal of any granular adsorptive or absorptive media, and removal of any adsorptive or absorptive replacement elements.

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Rationale:

- ***Adds language for multi-tap systems and enabling power sources during materials evaluation. This language is in NSF/ANSI 42 and 53 and is being added to 58 for consistency.***
- ***Editorial change in Section 4.4.3.3 from future to present tense per style guidelines.***

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NSF/ANSI 58:

Reverse Osmosis Drinking Water Treatment Systems

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7 Elective performance claims – Test methods

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7.3 Data transfer protocol (DTP)

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7.3.2 Procedure

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7.3.2.3 Required testing (membrane supplier)

a) The membrane element manufacturer shall supply membrane elements for testing to open atmosphere and for testing in a surrogate system. The surrogate system shall be a typical POU system and shall utilize an automatic shutoff valve and pressurized storage tank.

b) The membrane elements in the surrogate system shall be tested in accordance with Section 6.8 to determine TDS reduction, recovery, and DPR. Testing of the membrane in a surrogate system under more challenging conditions (such as inlet pressure at 45 psi) is acceptable, if requested by the supplier.

c) TDS reduction and DPR shall be tested with the system outlet open to atmosphere during Days 1 and 7 of the surrogate system testing. The TDS samples shall be taken at the end of the recovery test on Days 1 and 7. The DPR open to atmosphere shall be calculated from data collected during the recovery tests on Days 1 and 7.

During the procedure for collecting open-to-atmosphere samples, the low flow of permeate from the membrane results in samples that reflect permeate that would be generated during normal closed spigot operation. The open discharge shall be operated long enough to ensure that all sumps and plumbing components have been cleared of all previous permeate. A minimum of five times the unit void volume of any internal component between the membrane element and the sample collection point shall be flushed from the system before collecting open to atmosphere samples.

d) The membrane elements in the surrogate system shall be tested in accordance with Section 6.8 to any of the allowed contaminants listed in Section 7.3.1 of the DTP.

e) Testing of units under Section 7.3.2.3.b and c shall be performed on the same units. Testing of units under Section 7.3.2.3.d may be performed on other identical surrogate systems.

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Rationale:

- ***Adds language for testing a membrane in a surrogate system under more challenging conditions upon supplier request.***

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NSF/ANSI/CAN Standard
for Drinking Water Additives –

Drinking Water System Components – Health Effects

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3.1.6 Samples

Samples shall consist of the entire finished product device, a portion(s) / component(s) of the finished product, or a specimen of the material(s). The manufacturer shall have the option to request that the samples represent a product line of varying sizes, as described in Section 3.1.5 and~~/or~~ the relevant section of the standard to which the product is being evaluated. When it is necessary to calculate normalization factor(s), the wetted exposed surface area of the sample shall be calculated and recorded prior to testing.

3.1.6.1 Finished products

When a finished product (e.g., pipe, fitting, component, or device) is proposed for evaluation, a sample of the finished product shall be used for testing except in the following specific instances:

— concrete cylinders, cubes, or other concrete surrogate samples may be evaluated on behalf of concrete lined pipes and other concrete-based products;

— coatings, applied to the appropriate substrate, may be evaluated on behalf of products whose entire water contact surface is covered by the coating; or

— finished products shall be permitted to be evaluated using material samples if a finished product evaluation is impractical for one or more of the following reasons:

- an internal volume > 20 L (5.3 gal);
- a filled weight > 34 kg (75 lb); ~~or~~
- *in situ* manufacture of the finished product; or
- testing of individual alternate components is required supplemental to finished product testing.

Material samples shall be permitted to be evaluated on behalf of a finished product if no chemical or physical difference exists between the material sample and the material as represented in the finished product. All material samples shall be produced using the same manufacturing processes as the finished product.

3.1.6.2 Materials

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BSR/UL 248-21, Standard for Safety for Low-Voltage Fuses – Part 21: Fuses for the Protection of Batteries and Battery Systems

1. The Proposed First Edition of UL 248-21 which covers requirements for fuses specific to protection of battery and battery systems operating at or below 2000 Vdc

PROPOSAL

10.3.1 The following tests for DC voltage shall be conducted as specified in Table 11.6 of the Part 1, the Table for Verification of Operation at Rated Voltage for DC, except as noted below and in Table 10.1 and Table 10.2.

a) Test 1 – High current specified by manufacturer.

b) Test 2 – Maximum energy.

c) ~~Test 3~~ Test 5 – For aBat fuses, the test shall be conducted at a low current specified by manufacturer. The low current shall not be greater than 1000 percent of the rating, I_n test current tolerance +0 %, –10 %.

d) ~~Test 3~~ Test 5 – For gbat fuses, the test current shall be 2.0 I_n.

Table 10.1
aBat Fuses

Fuse Voltage Rating	Test	High current	Maximum energy	Low current ~~aBat~~
250 V dc or less	Test No.	Test 1	Test 2	Test 5
	Current	≥ 10 kA	~~Per UL 248-1~~ Per Part 1	≤ 4 I_n
	Time Constant	1 to 3 ms when test current ≤ 100 kA ≥ 3 ms when test current > 100 kA		
Greater than 250 V dc	Test No.	Test 1	Test 2	~~Test 3~~ Test 5
	Current	≥ 30 kA	Per UL 248-1	≤ 10 I_n
	Time Constant	1 to 3 ms when test current ≤ 100 kA ≥ 3 ms when test current > 100 kA		
NOTE – A time constant higher than specified may be used if agreeable to the submitter and testing agency.				

Table 10.2
gBat Fuses

Fuse Voltage Rating	Test	High current	Maximum energy	Low current
250 V dc or less	Test No.	Test 1	Test 2	Test 5
	Current	≥ 10 kA	~~Per UL 248-1~~ Per Part 1	2 I_n
	Time Constant	1 to 3 ms when test current ≤ 100 kA		≤ 1 ms

		≥3 ms when test current > 100 kA		
Greater than 250 V dc	**Test No.**	**Test 1**	**Test 2**	~~**Test 3**~~ **Test 5**
	Current	≥ 30 kA	Per UL 248-1	2 I_n
	Time Constant	1 to 3 ms when test current ≤ 100 kA ≥ 3 ms when test current > 100 kA		≤ 1 ms
NOTE – A time constant higher than specified may be used if agreeable to the submitter and testing agency.				

BSR/UL 414, Standard for Safety for Meter Sockets

2. Short Circuit Closing Angle

PROPOSAL

SB13.4.1 Unless otherwise noted in the test method, ~~Controlled~~ controlled closing is to be employed in a single-phase withstand test. Closing is to occur within 10 electrical degrees of the zero point of the supply voltage wave. Random closing is to be employed in each 3-phase withstand test, 3 phase closing test, and single-phase closing test. All tests are to be performed by closing the test circuit onto the test sample. When testing with a specific circuit breaker in accordance with SB13.3.5, the circuit breaker is to be in the closed position with its load terminals shorted together.

SB13.8.3 Additional testing shall be conducted with the switching device(s) closing into the short-circuit. If more than one switching device is included, separate tests shall be conducted with each switching device closing into the short-circuit. The test duration shall be in accordance with SB13.5. The closing angle shall be random for the switching device(s) closing into the short-circuit.

SB13.8.4A ~~The closing angle shall be in accordance with SB13.4.1. The control system may be functional and operate without adjustments or modifications during the SB13.8.3 test operation for meter socket adapters provided with an~~ An integral or external control system identified in SB14.10 may be permitted to function without adjustments or modifications during the SB13.8.3 test operation.

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7. Power Control System for Load Control

PROPOSAL

SC5.12 Meter socket adapters shall be provided with a limiting device or system that prevents the sum of the normal load side connection current and any additional branch circuit connection current from exceeding the continuous current rating of the meter socket in which the meter socket adapter is mounted. One of the following methods shall be used:

a) The sum of all connected loads that can be simultaneously energized, or parallel power sources, is limited by the current setpoint of a Power Control System for load control ~~(PCS-LC)~~ (PCS) only applications (also referred to as an Energy Management System) complying with SC5.13; or

b) An overcurrent protective device of the type specified in SC5.3 within the adapter assembly on the line side of all load circuits, that prevents the combined loads from exceeding the continuous current rating of the meter socket in which the meter socket adapter is mounted. This overcurrent protective device shall not be marked as a service disconnecting means.

Exception: This protection is not required for meter socket adapters intended for use only on the load side of a service disconnecting means and marked in accordance with SC14.5.

SC5.13 Power Control Systems for load control only applications ~~(PCS-LC)~~ (PCS) or components of a ~~PCS-LC~~ PCS may be installed to control the loads to be interconnected to the meter socket adapter. The ~~PCS-LC~~ PCS shall comply with UL 3141. Markings, as specified in SC14.6 and SC14.7, shall be provided when a meter socket adapter includes a ~~PCS-LC~~ PCS, or components of a ~~PCS-LC~~ PCS.

SC9.3 Metering circuits used as part of a power control system for load control only applications ~~(PCS-LC)~~ (PCS) shall comply with the requirements in SC5.12.

SC14.6 Meter socket adapters provided with Power Control Systems for load control only applications ~~(PCS-LC)~~ (PCS) in accordance with SC5.13 shall be marked with the following or equivalent: “Loads are controlled by a Power Control Systems for load control only applications ~~(PCS-LC)~~ (PCS).The setting of the ~~PCS-LC~~ PCS shall be permitted to be used in load calculations in accordance with the NEC".

SC14.7 Meter socket adapters provided with components intended for use as part of Power Control Systems for load control only applications ~~(PCS-LC)~~ (PCS) shall be marked with the following or equivalent: “This meter socket adapter is intended to be installed as part of a system where the loads are controlled by Power Control Systems for load control only applications ~~(PCS-LC)~~ (PCS). Refer to Installation Instructions for additional details regarding the complete installation of the ~~PCS-LC~~ PCS . The settings of the ~~PCS-LC~~ PCS shall be considered to be the total source output circuit current”. Meter sockets provided with installation instructions to install a ~~PCS-LC~~ PCS shall be marked with the following or equivalent: “When used to limit connected loads, a Power Control Systems for load control only applications ~~(PCS-LC)~~ (PCS) model___, Manufactured by ___, may be used to control the output of the alternate sources”.

SC15.2 As specified in SC14.7, installation Instructions shall provide the necessary detail for the complete installation of the Power Control Systems for load control only applications ~~(PCS-LC)~~ (PCS) and the ratings which shall be set as part of the ~~PCS-LC~~ PCS installation.

BSR/UL 1740, Standard for Safety for Safety for Robotics and Robotic Equipment

2. *Proposal Topic

PROPOSAL

5 Undated References

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

5.2 The following publications are referenced in this Standard:

ANSI Z97.1, *Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test*

ANSI/CSA FC 1, *Fuel cell technologies - Part 3-100: Stationary fuel cell power systems*

ASTM E28, *Standard Test Methods for Softening Point of Resins Derived from Pine Chemicals and Hydrocarbons, by Ring and Ball Apparatus*

ASTM E230/E230M, *Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples*

IEC 60529, *Degrees of protection provided by enclosures (IP Code)*

IEC 60584-1, *Thermocouples - Part 1: EMF specifications and tolerances*

IEC 60584-2, *Standard for Thermocouples Part 2: Tolerance*

IEC 60947-1, *Low-voltage switchgear and controlgear - Part 1: General rules*

IEC 61508-4, *Functional Safety of Electrical/Electronic/Programmable Electronic Safety-Related Systems – Definitions and Terminology*

IEC Publication 417 Symbol 5036, *Dangerous Voltage*

ISA 12.12.01, *Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations*

ISO 10218-1, *Robots and robotic devices - Safety requirements for industrial robots - Part 1: Robots*

ISO 10218-2, *Robots and robotic devices - Safety requirements for industrial robots - Part 2: Robot systems and integration*

ISO 12100, *Safety of machinery — General principles for design — Risk assessment and risk reduction*

ISO 13850, *Safety of machinery — Emergency stop function — Principles for design*

ISO/TS 15066, *Robots and robotic devices – Collaborative robots*

ISO 13849-1, *Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design*

Commented [WR1]: Per 5.2.2.6 of completing ANSI forms SOP:

Enter the complete title of the standard. For other than safety standards or for alternative standards documents, this will need to be modified as applicable. For example, “Standard for Sustainability for…” or “Test Method for…”.

Delete this comment by right clicking it and selecting “Delete Comment” when finished reading.

ISO TR 20218-1, *Robotics – Safety design for industrial robot systems – Part 1: End-effectors*

JIS C 1602, *Thermocouples*

NFPA 70, *National Electric Code*

NFPA 79, *Electrical Standard for Industrial Machinery*

NPFA 496, *Standard for Purged and Pressurized Enclosures for Electrical Equipment*

OSHA CPL 02-00-147, *The Control of Hazardous Energy – Enforcement Policy and Inspection Procedures*

UL 50, *Enclosures for Electrical Equipment, Non-Environmental Considerations*

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

UL 94, *Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances*

UL 310, *Standard for Electrical Quick-Connect Terminals*

UL 508, *Standard for Industrial Control Equipment*

UL 508A, *Standard for Industrial Control Panels*

UL 674, *Electric Motors and Generators for Use in Hazardous (Classified) Locations*

UL 746C, *Standard for Polymeric Materials - Use in Electrical Equipment Evaluations*

UL 796, *Standard for Printed-Wiring Boards*

UL 810, *Standard for Capacitors*

UL 810A, *Standard for Electrochemical Capacitors*

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

UL 900, *Air Filter Units*

UL 913, *Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, III, Division 1, Hazardous (Classified) Locations*

UL 969, *Standard for Marking and Labeling Systems*

UL 1004-1, *Rotating Electrical Machines - General Requirements*

UL 1004-2, *Impedance Protected Motors*

UL 1004-3, *Thermally Protected Motors*

UL 1063, *Standard for Machine-Tool Wires and Cables*

UL 1203, *Explosion Proof and Dust-Ignition Proof Electrical Equipment for Use in Hazardous (Classified) Locations*

UL 1642, *Standard for Lithium Batteries*

UL 1973, *Batteries for Use in Stationary and Motive Auxiliary Power Applications*

UL 1989, *Standard for Valve Regulated or Vented Batteries with Aqueous Electrolytes*

UL 2054, *Standard for Household and Commercial Batteries*

UL 2267, *Standard for Fuel Cell Power Systems for Installation in Industrial Electric Trucks*

UL 2271, *Batteries for Use in Light Electric Vehicle (LEV) Applications*

UL 2580, *Batteries for Use in Electric Vehicles*

UL 5085-3, *Standard for Low Voltage Transformers – Part 3: Class 2 and Class 3 Transformers*

UL 60086-4, *Primary Batteries - Part 4: Safety of Lithium Batteries*

UL 60384-14, *Safety Requirements for Fixed Capacitors for Use in Electronic Equipment - Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains*

UL 62133-2, *Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 2: Lithium Systems*

21 CFR Part 1020, *Performance Standards for Ionizing Radiation Emitting Products*

21 CFR Part 1040, *Performance Standards for Light-Emitting Products*

BSR/UL 3703, Standard for Safety for Solar Trackers

1. Expansion and Clarification of the Flexing Test, Section 52, to Include the Testing of Bonding Straps

PROPOSAL

16.11 A bonding conductor or strap utilized outside of an enclosure shall comply with Section 9 of the Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels, UL 2703, and the applicable UL 2703 tests.

Exception: Bonding straps that comply with the Flexing Test in Section 52 are exempt from the sizing requirement in 9.6(b) of UL 2703.

52 Flexing Test

52.1 With reference to the wiring requirements, wiring that is subjected to movement at times other than installation and servicing is to be tested by cycling the mechanism in such a way to flex the wiring harness through its maximum length of travel permitted by the design. The duration of the test is to be for a suitable number of cycles based on the application, see 52.5. Following this, all safety-related functions shall operate normally. The equipment is to be subjected to the Dielectric Voltage-Withstand Test, from each affected conductor in the cable assembly to all other conductors; and to accessible metal parts of the manipulator arm. The wiring is to be examined for damage and to determine if any conductors are broken or if individual strands have penetrated the insulation.

52.2 The test in this section shall also be performed on bonding straps, subject to movement in PV tracker equipment, that do not comply with the sizing requirement in 9.6(b) of UL 2703. See Exception to 16.11.

52.3 Manufacturer's instructions shall be followed for installing the bonding strap, with specific attention to the orientation of the strap and connection points relative the tracker motion. The manufacturer's specified hardware and method of attachment shall be followed.

52.4 The test shall be performed with the same or greater movement range (e.g., tilt) as the tracker movement range.

52.5 The test shall be performed for at least 7300 cycles where one cycle consists of starting at the minimum range (east facing), moving to the maximum range (west facing) and back to the original starting position, for example, -55˚ to +55˚ and back to -55˚. One bonding strap sample shall be secured as in the actual installation.

Note: 7300 cycles represent approximately 20 years of movement.

52.6 The test speed of tracker rotation may be faster than, or equal to the tracker's normal operation, however it shall not be slower.

52.7 The bonding strap and end terminations/crimps shall be intact after being subjected the movement test described. As a result of this test, there shall be no:

a) Breakage of the conductor or any strand of a stranded conductor in accordance with 52.8,
b) Shearing of components, and no
c) Other damage to the connector.

52.8 Breaking of the conductor or any strand of a stranded conductor shall be determined by examination of the complete connector assembly while still intact after the movement test. Breakage has occurred if

the conductor or a strand of a stranded conductor becomes visibly detached. However, strand breakage of 5 percent is allowed for flexible and fine stranded conductors.

52.9 The test may be performed indoors or outdoors. Ambient temperature, humidity, and wind speed (as applicable) shall be recorded during the test and shown in the test report.