

CONTENTS

American National Standards

Project Initiation Notification System (PINS)	2
Call for Comment on Standards Proposals	7
Final Actions - (Approved ANS)	22
Call for Members (ANS Consensus Bodies)	24
American National Standards (ANS) Process	30
ANS Under Continuous Maintenance	31
ANSI-Accredited Standards Developer Contacts	32

International Standards

ISO and IEC Draft Standards	34
ISO and IEC Newly Published Standards	38
International Organization for Standardization (ISO)	40

Information Concerning

Registration of Organization Names in the United States	43
Proposed Foreign Government Regulations	44

Project Initiation Notification System (PINS)

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

AACE (AACE International)

Stephen Warhoe <spwarhoe@comcast.net> | www.aacei.org

New Standard

BSR/AACE 18R-97-202x, Cost Estimate Classification System - As Applied in Engineering, Procurement, and Construction for the Process Industries (new standard)

Stakeholders: Owners and operators of chemical, petrochemical, hydrocarbon-processing, pharmaceutical, water-treatment, metallurgical, and similar process facilities; EPC contractors; engineering and design firms; construction contractors and construction managers; cost estimators, cost engineers, and project-controls professionals; project managers; consultants; financial and insurance organizations; government agencies and regulators; researchers, educators, and standards organizations.

Project Need: Organizations in the process industries rely on project cost estimates to screen alternatives, authorize funding, establish project controls, support procurement and contracting decisions, and make capital-investment decisions. Inconsistent application of estimate-class terminology and inconsistent understanding of the project-definition maturity associated with each class can lead stakeholders to draw different conclusions regarding the information supporting an estimate and its appropriate use. An industry-specific standard is needed to provide a consensus basis for linking estimate class to the maturity of process-industry project-definition deliverables. Using AACE Recommended Practice 18R-97 as its technical basis, the proposed standard will improve consistency, transparency, and communication among those who prepare, evaluate, approve, fund, and use project cost estimates, while clarifying that estimate classification does not substitute for project-specific risk analysis.

Interest Categories: User/Owner: owners, operators, and other organizations that use project cost estimates for investment, funding, governance, procurement, or oversight decisions; Producer/Service Provider: EPC contractors, engineering and design firms, construction contractors, consultants, cost estimators, cost engineers, and project-controls practitioners; Government/Regulatory: government agencies and regulatory representatives; and General Interest: academic, research, standards, financial, insurance, and other participants not otherwise classified.

This proposed standard establishes an industry-specific system for classifying project cost estimates for engineering, procurement, and construction (EPC) work in the process industries. Estimate class is determined primarily by the maturity of project-definition deliverables, with five estimate classes characterized by typical end use, estimating methodology, and expected accuracy characteristics. The standard includes a process-industry-specific estimate input checklist and maturity matrix based on the development of project-definition information and deliverables. Unlike generic cost-estimate classification standards applicable across industries, this standard is tailored to process-industry EPC projects and supplements generic classification principles with process-industry-specific scope-definition criteria. The standard also establishes that estimate class alone does not determine estimate accuracy and that project-specific risk analysis is necessary to evaluate cost uncertainty. Unlike the generic, cross-industry classification framework provided by ASTM E2516, this standard provides process-industry-specific project-definition criteria and an estimate-input maturity matrix for EPC projects.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 111-202x, Standard for Training in Mitochondrial DNA (mtDNA) Analysis for Taxonomic Identification (revision of ANSI/AAFS ASB Std 111-2020)

Stakeholders: Wildlife forensic science analysts that perform mtDNA sequencing for taxonomic identification.

Project Need: This document is the revision of ANSI/ASB Standard 111, Standard for Training in Mitochondrial DNA (mtDNA) Analysis for Taxonomic Identification, First Edition, 2020. In wildlife forensics, sequencing of mitochondrial DNA (mtDNA) is used for the purpose of taxonomic identification of unknown samples. This document provides the minimum requirements to train an analyst to perform mtDNA sequencing, data analysis, and reporting to determine a species of origin of unknown evidence samples.

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

This standard provides requirements for training in animal taxonomic identification based on mitochondrial DNA (mtDNA) sequencing, data analysis, and reporting within the trainee's forensic DNA laboratory.

ANS (American Nuclear Society)

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

New Standard

BSR/ANS 3.30-202x, Criteria for the Application of Computer Vision Machine Learning in Nuclear Power Plant Inspections and Monitoring (new standard)

Stakeholders: Nuclear Regulatory Commission (NRC), nuclear facility operators, reactor vendors, technology developers, safety analysts, and plant maintenance organizations, Department of Energy (DOE), DOE Management & Operating Contractors, and other Federal agencies.

Project Need: The increasing integration of artificial intelligence technologies, particularly CVML, in NPP inspection and monitoring necessitates a clear safety standard to ensure safe use of CVML and compliance with regulatory framework. This standard aims to address gaps in the current regulatory framework of requirements and standards by providing guidance for the safe implementation of CVML systems, enhancing operational efficiency while maintaining safety.

Interest Categories: Architect-Engineer-Constructor, Government Agency, Individual, National Laboratories/Government Facilities, Owner, University, Vendor

This standard provides a framework for the evaluation, modeling, testing, and validation of computer vision machine learning (CVML) technologies used in safety-related or risk-significant monitoring and inspection applications within nuclear power plants (NPPs). The scope of the standard includes guidelines for the assessment of CVML systems, addressing key considerations such as data integrity, model independence, design control, verification and validation protocols, and compliance with existing regulatory requirements. It aims to support safe and effective deployment of CVML technologies in NPP operations.

ASABE (American Society of Agricultural and Biological Engineers)

Jean Walsh <walsh@asabe.org> | 2950 Niles Road | Saint Joseph, MI 49085 <https://www.asabe.org/>

New Standard

BSR/ASABE/ASHRAE EP670-202x, Greenhouse Environment Control for Plant Production (new standard)

Stakeholders: Greenhouse growers, Researchers, Consultants, Engineers, and Extension specialists, HVAC equipment operators and agricultural HVAC technology manufacturers.

Project Need: The greenhouse industry is undergoing a renaissance, with new materials, construction methods, environmental controls, and new crops introduced every year. Many of the design changes are driven by facilities being built in environments with extreme weather not previously observed (e.g., cold/dry, hot/humid, hot/arid). There are no existing standards (EP) guiding technological practices for environmental control in plant production. Therefore, it is necessary to develop a new standard that includes guidance on greenhouse envelopes and climate-control technologies.

Interest Categories: Academia; General Interest; Research; User

This standard/engineering practice applies to environmental-controlled greenhouse facilities, including those with supplemental lighting. This standard will exclude the fully enclosed indoor plant environment without sunlight. This standard/engineering practice will guide stakeholders in designing, constructing, and operating greenhouses that efficiently control temperature and humidity.

ASABE (American Society of Agricultural and Biological Engineers)

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

Withdrawal

BSR/ASAE/ISO 9190:1990, Lawn and garden ride-on (riding) tractors --Drawbar (withdrawal of ANSI/ASAE/ISO 9190:1990 OCT2001 (R2022))

Stakeholders: Manufacturers, users, OPEI

Project Need: Withdrawal of ASAE/ISO 9190:1990 OCT2001 (R2022)

Interest Categories: Producers, users, general interest

This International Standard specifies the dimensions and location requirements for drawbars on lawn and garden ride-on (riding) tractors. It applies to lawn and garden ride-on (riding) tractors as defined below. The requirements specified are essential to ensure that all types of towed implements, designed for operation in conjunction with lawn and garden tractors, can be operated with all currently manufactured types of lawn and garden tractors designed to pull such implements.

CSA (CSA America Standards Inc.)

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

New Standard

CSA/BSR C22.2 No. 373-202x, Solid State Transformers (new standard)

Stakeholders: industry, certification agencies, telecom

Project Need: This is a new standard at the request of industry. Solid State Transformers (SSTs) combine the functions traditionally separated by different product types such as transformers, power converters, inverters, and controllers. Existing standards address portions of these functions individually but not in one comprehensive standard. With the rapid deployment of data centers, microgrids, and other load intensive infrastructure, SSTs will increase in adoption. There will be a need for a consistent safety Standard that addresses all aspects of SSTs in a unified framework rather than a piecemeal approach. It will reduce uncertainty in product evaluation and support adoption of this new technology which plays an important role in electrification.

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

Scope: 1.1 This Standard applies to solid-state transformers (SSTs), associated subassemblies, and protection systems that provide electrical isolation, power conversion, and bidirectional energy transfer above the typical functions of a conventional transformer. These requirements cover SSTs having a nominal rated input or output voltage up to 38kV installed in accordance with the Canadian Electrical Code, Part 1, CSA C22.1, and the National Electrical Code, NFPA 70. For SSTs incorporating additional functionality, such as grid interactive controls, these requirements are intended to supplement and be used in conjunction with other adopted Standards, such as IEEE 1547, or IEEE 2800, or C22.2 No. 9. 1.2 The requirements of this Standard apply to SSTs employing a variety of power conversion architectures such as AC-AC, AC-DC-AC, medium-voltage to low-voltage, SSTs integrated with energy storage systems, etc. Compliance with this Standard does not eliminate the need to comply with applicable product-specific requirements addressed by other standards. 1.3 The requirements of this Standard do not apply to: a) Conventional 50/60 Hz transformers covered by existing transformer standards; b) dry-type transformers that do not contain power-electronic conversion stages; c) inverters/converters covered solely by existing standards.

NEMA (ASC C12) (National Electrical Manufacturers Association)

Paul Orr <Pau_orr@nema.org> | 1300 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

New Standard

BSR C12.36-202x, Standard for Protection of Metrological Properties (new standard)

Stakeholders: Electricity Meter Manufacturers, Electric utilities, Testing agencies

Project Need: The need for Standard is to establish a baseline for protection REQUIREMENTS for revenue grade electricity meters, so that conformance testing standards, such as ANSI C12.1, ANSI C12.10 can define tests to verify conformance requirements for controls of metrological hardware and software

Interest Categories: Users, Producers, and General Interest members

This Standard specifies the controls and audit requirements for protection of metrologically relevant information that are applicable to electricity meters that are subject to legal metrological controls and are software-controlled meters. The conformance to these requirements is to be validated during meter type approval, verification, and re-verification processes. They also apply to modifications that may be made to existing approved meters and supporting computing devices. Electromechanical meters are out of scope for this Standard.

SCTE (Society of Cable Telecommunications Engineers)

Tiffany Montero <tmontero@scte.org> | 858 Coal Creek Circle | Louisville, CO 80027 www.scte.org

Revision

BSR/SCTE 36-202x, SCTE-ROOT Management Information Base (MIB) Definitions (revision of ANSI/SCTE 36-2018 (R2025))

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: User, Producer, General Interest

This MIB provides the root object identifier for the Society of Telecommunications Engineers (SCTE) as an enterprise, as assigned by the Internet Assigned Numbers Authority (IANA). Any Management Information Base (MIB) that falls under the auspices of the SCTE must be assigned object identifiers underneath this enterprise object-id.

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 61496-3-202x, Electro-Sensitive Protective Equipment- Part 3: Particular Requirements for Active Opto-Electronic Protective Devices Responsive to Diffuse Reflection (AOPDDR) (new standard)

Stakeholders: Manufacturers of active opto-electronic protective devices, supply chain, testing & standards organizations, industrial users.

Project Need: To obtain national recognition of the US adoption of IEC 61496-3 standard in order to establish requirements for the installation and use practices for Active Opto-Electronic Protective Devices

Interest Categories: Producer, Supply Chain, Testing & Standards Org, Commercial - Industrial User

This standard is an adoption of IEC 61496-3 with US deviations. It will provide particular requirements for the installation and use practices for active opto-electronic protective devices designed specifically to provide whole-body detection of a person or persons as part of a safety-related system.

ULSE (UL Standards and Engagement)

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

New Standard

BSR/UL 120003-202x, Mobile information and communication technology equipment for use in hazardous (classified) locations (new standard)

Stakeholders: Authorities Having Jurisdiction (AHJs), Producers of mobile information and communication technology equipment for use in hazardous (classified) locations, Supply Chain manufacturers, Trade associations, Retailers and consumers for mobile information and communication technology equipment (e.g. tablets and smartphones) and related accessories

Project Need: To provide an ANSI approved standard, UL 120003, which provides the requirements for mobile information and communication technology equipment for use in hazardous (classified) locations.

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

This Standard covers the requirements for the design, construction and marking of personal (worn on body) or handheld mobile ICT (Information and Communication Technology) equipment and associated supported peripherals of such equipment for use in Class I, Class II and Class III, Division 1 and Division 2 hazardous (classified) locations. It is also applicable for Zones 1, 2, 21, 22. The hazardous (classified) locations covered by this standard includes indoor or outdoor locations.

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: September 27, 2026

ICC (International Code Council)

4051 Flossmoor Road, Country Club Hills, IL 60748 | jhess@iccsafe.org, www.iccsafe.org

Revision

BSR/ICC 901/SRCC 100-202x, Solar Thermal Collector Standard (revision of ANSI/ICC 901-2020)
Sustainable construction codes, standards and incentive programs require minimum criteria and uniform test methods for solar thermal collectors. This project will revise the standard to remain consistent with current industry practices.

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

Send comments (copy psa@ansi.org) to: https://form.jotform.com/Code_Apps/ICC-Public_Comments

IIAR (International Institute of All-Natural Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 | tony_lundell@iiar.org, www.iiar.org

New Standard

BSR/IIAR HC-202x, Safety Standard for Closed-Circuit Refrigeration Systems Utilizing Hydrocarbon Refrigerants (new standard)

This standard provides the minimum safety requirements for design, installation, startup, inspection, testing, and maintenance, as well as decommissioning and general safety requirements for refrigeration systems that use naturally occurring hydrocarbon refrigerants such as propane, N-butane, and isobutane. This standard shall apply to hydrocarbon refrigeration systems that are not regulated by listing agencies.

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

Send comments (copy psa@ansi.org) to: Tony Lundell <tony_lundell@iiar.org>

Comment Deadline: September 27, 2026

NSF (NSF International)

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

Revision

BSR/NSF 12-202x (i24r1), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2024)

This standard establishes minimum food protection and sanitation requirements for the materials, design, construction, and performance of automatic ice making equipment and their related components.

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

Send comments (copy psa@ansi.org) to: Allan Rose <arose@nsf.org>

ULSE (UL Standards and Engagement)

47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, <https://ulse.org/>

Revision

BSR/UL 746C-202x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2026)

This proposal for UL 746C covers the following topics: 1) Addition of Footnote “a” to the Title of the Column in Table 25.1 for Ultra-violet radiation; 2) Addition of the Equivalent English Value of 12 mm Provided in the Titles of Sections 15 and 50

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

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

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1254-202x, Standard for Pre-Engineered and Engineered Dry and Pre-Engineered Wet Chemical Extinguishing System Units (revision of ANSI/UL 1254-2020 (R2022))

ULSE proposes a recirculation to the UL 1254 proposal dated 6-12-26.

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

Send comments (copy psa@ansi.org) to: <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 2941-202x, The Standard for Safety for Cybersecurity of Distributed Energy and Inverter-Based Resources (revision of ANSI/UL 2941-2025)

The following changes in requirements are being proposed for your review: 1. Clarification of requirement 6.3.1 2. Inclusion of cyber security AI agents 3. Definition of an offline environment 4. Update to move section 10.2.2 to Section 8

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

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

Comment Deadline: October 12, 2026

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 205-202x, Standard for Methodology in Bloodstain Pattern Analysis (new standard)

This document provides the requirements for the methodology when conducting a bloodstain pattern analysis. This document addresses when to classify, but not how to classify patterns. The methodology in this document involves the examination of bloodstains and bloodstain patterns to determine the significance of their presence or absence, what potential forces or mechanisms could result in those bloodstains or bloodstain patterns, and the significance of those determinations in regard to the scope or reason for the examination. The methodology in this document defines overall standardized and chronologically ordered steps to perform bloodstain pattern analysis. Each step provides direction for the development of data supported interpretations. This document does not address specific methods for the analysis of bloodstain patterns, documentation, preservation, or collection at the scene or on items of evidence.

Single copy price: Free

Obtain an electronic copy from: <https://www.aafs.org/aafs-standards-board>

Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 022-202x, Standard for Forensic DNA Training Programs (revision of ANSI/ASB Std 022-2019)

This standard provides the requirements for a forensic DNA laboratory's training program in laboratory methods, data analysis, interpretation and comparison, statistical evaluation, database searching, reporting, and testimony.

Single copy price: Free

Obtain an electronic copy from: <https://www.aafs.org/aafs-standards-board>

Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

Withdrawal

ANSI/ASB Std 140-2021, Standard for Training in Forensic Human Mitochondrial DNA Analysis, Interpretation, Comparison, Statistical Evaluation, and Reporting (withdrawal of ANSI/ASB Std 140-2021)

This document provides the requirements for a forensic DNA laboratory's training program in forensic human mitochondrial DNA (mtDNA) analysis, interpretation, comparison, statistical evaluation, and reporting.

Single copy price: Free

Obtain an electronic copy from: <https://www.aafs.org/aafs-standards-board>

Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: October 12, 2026

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

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

Revision

BSR/ASHRAE Standard 41.11-202x, Standard Methods for Power Measurement (revision of ANSI/ASHRAE Standard 41.11-2023)

This revision of Standard 41.11-2023 prescribes methods for power measurements. This version of the standard includes updated methods for determining when steady-state operation has been achieved for data recording, as well as changes to make it easier for higher-tier standards to adopt this standard by reference. This standard meets ASHRAE's mandatory language requirements.

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>

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

New Standard

BSR/BHMA A156.47-202x, Standard For Electronic Input Devices (new standard)

This Standard establishes performance requirements and testing methods for standalone and integrated electrified input devices. These products process user credentials required to interact with access control systems and locking mechanisms.

Single copy price: \$36 non-member, \$18 member

Obtain an electronic copy from: agambrall@kellencompany.com

Send comments (copy psa@ansi.org) to: agambrall@kellencompany.com

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.5-202x, Standard For Cylinders And Mechanical Pushbutton Mechanisms For Locks (revision of ANSI/BHMA A156.5-2020)

This Standard establishes requirements for mechanical cylinders, and mechanical pushbutton mechanisms, and includes operational, strength and security tests.

Single copy price: \$36 non-member, \$18 member

Obtain an electronic copy from: agambrall@kellencompany.com

Send comments (copy psa@ansi.org) to: agambrall@kellencompany.com

Comment Deadline: October 12, 2026

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

Revision

BSR/BHMA A156.25-202x, Standard For Electrified Locking Devices (revision of ANSI/BHMA A156.25-2023)

This Standard establishes requirements for electrified locking devices, whose mechanical aspects are described in the applicable BHMA product Standards. Electrified locking devices include mortise locks, bored locks, preassembled locks, auxiliary locks, interconnected locks, exit devices, exit locks, cylinders, input devices and cabinet locks. Electrified locking systems are usually comprised of four functional components: locking devices, input devices, controlling devices, and power supplies. Where the input or controlling device or both are an integral part of the locking device, they shall also be tested with the locking device covered by this Standard.

Single copy price: \$36 non-member, \$18 member

Obtain an electronic copy from: agambrall@kellencompany.com

Send comments (copy psa@ansi.org) to: agambrall@kellencompany.com

IES (Illuminating Engineering Society)

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

New Standard

BSR/IES LM-101-202x, Approved Method: Photometric Testing for Roadway Luminaires-LEDs (new standard)

This Approved Method defines adequate and uniform methods for measuring and reporting the photometric characteristics of roadway and area lighting luminaires using solid state lighting (SSL) sources. It describes characteristics of luminaires and some components, as well as the requirements for the thermal environment and proper control of the electrical and mechanical systems required for achieving accurate and consistent photometric results. This Approved Method covers LED and OLED luminaires, luminaires utilizing LED or OLED lamps, and luminaires utilizing LED light engines, all of which will be referred to as SSL products. SSL products are intended to connect directly to AC mains power or to a DC voltage power supply to operate.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

New Standard

BSR/IES RP-49-27-202x, Recommended Practice: Lighting Jails and Lockups (new standard)

This Recommended Practice primarily addresses lighting design considerations and illuminance criteria for police lockups, jails, and prison correctional facilities in the United States, which should influence luminaire (i.e., light fixture) selections, light source choices, and final layouts.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

Comment Deadline: October 12, 2026

IES (Illuminating Engineering Society)

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

New Standard

BSR/IES TM-44-202x, Parametric Variations in LED Packages, Arrays and Modules Affecting Luminous Flux and Color Maintenance (new standard)

This document outlines rules for the application of light output maintenance data acquired from ANSI/IES LM-80 testing of LED packages and arrays or modules (as defined in ANSI/IES LS-1) to untested versions of these LED packages and arrays or modules that include variations from the tested versions.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-73-04 (R202x), Approved Method: Photometric Testing of Entertainment Luminaires Using Incandescent Filament Lamps or High Intensity Discharge Lamps (reaffirmation of ANSI/IES LM-73-04 (R23))

This Approved Method describes a standard procedure by which entertainment lighting luminaires, specifically designed for use in the theater, TV environment, film studios, or on-location shoots, can be measured.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-88-18 (R202x), Approved Method: Optical and Electrical Measurements of AC-LED Packages and Arrays or Modules (reaffirmation of ANSI/IES LM-88-18 (R23))

This approved method describes the procedures to be followed and precautions to be observed in performing optical and electrical measurements of AC-LEDs for total luminous flux, total radiant flux, total photon flux, color characteristics, electrical voltage, current, and power. This approved method applies to AC-LED packages, remote-phosphor AC-LED packages, AC-LED arrays or modules, and remote-phosphor AC-LED arrays or modules. This document specifies measurement methods under single-cycle AC operation as well as continuous AC operation with an AC frequency of 50 Hz or 60 Hz; in both cases, "thermal conditions" of AC-LEDs refers to their junction temperatures.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

Comment Deadline: October 12, 2026

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-91-22 (R202x), Approved Method: Application Distance Radiometry (reaffirmation of ANSI/IES LM-91-22)

This document describes: • The method for measuring illuminance, irradiance, and/or photon flux density at multiple points on a plane at a specific application distance • A method to generate and interpret IES files composed of equivalent intensity values and applicable only to a specific range of application distances • The method for merging far-field characteristics with near-field characteristics at angles where points on the plane may be in the far field This document covers the testing of lamps, light engines, and luminaires. It covers light source technologies such as LED, incandescent, fluorescent, HID, and OLED sources. This document does not cover battery-operated light sources.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-35-2020 (R202x), Approved Method: Photometric Testing of Floodlighting for HID or Incandescent Lamps (reaffirmation of ANSI/IES LM-35-2020 (R23))

The objective of this Approved Method is to promote uniformity in measuring and reporting of the optical performance of floodlights and similar luminaires having a field angle equal to or greater than 10 degrees in any cross section.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-40-2020 (R202x), Approved Method: Life Testing of Fluorescent Lamps (reaffirmation of ANSI/IES LM-40-2020 (R23))

This guide describes the procedures by which fluorescent lamps can be operated under controlled conditions to obtain optimally comparable data on individual lamp life, changes in light output, and other parameters that vary during the life of the lamp.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

Comment Deadline: October 12, 2026

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-46-2020 (R202x), Approved Method: Photometric Testing of Indoor Luminaires Using HID or Incandescent Filament Lamps (reaffirmation of ANSI/IES LM-46-2020 (R23))

This Approved Method is intended to promote uniform test results as obtained under controlled laboratory conditions in measuring the luminous flux and intensity of high intensity discharge (HID) and incandescent indoor-type luminaires.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-47-2020 (R202x), Approved Method: Life Testing of High Intensity Discharge (HID) Lamps (reaffirmation of ANSI/IES LM-47-2020 (R23))

This document describes the procedures by which high intensity discharge (HID) lamps can be operated under controlled conditions to obtain optimally comparable data on individual lamp life, changes in light output, and other parameters that vary during the life of the lamp.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-49-2020 (R202x), Approved Method: Life Testing of Incandescent Filament Lamps (reaffirmation of ANSI/IES LM-49-2020 (R23))

This guide describes the procedures by which incandescent lamps can be operated under controlled conditions to obtain optimally comparable data on individual lamp life, changes in light output, and other parameters that vary during the life of the lamp.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

Comment Deadline: October 12, 2026

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-61-2020 (R202x), Approved Method: Identifying Operating Factors for Installed High Intensity Discharge Luminaires (reaffirmation of ANSI/IES LM-61-2020 (R23))

This LM outlines factors that can cause differences between calculated and measured illuminance and luminance values of outdoor high intensity discharge (HID) and low pressure sodium (LPS) lamps and luminaires. It does not offer solutions, nor does it quantify all of the possible variables that might be encountered. The relevant ANSI/IES Recommended Practice document should be consulted for specific design recommendations. Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-62-2020 (R202x), Approved Method: Laboratory or Field Thermal Measurements of Fluorescent Lamps and Ballasts in Luminaires (reaffirmation of ANSI/IES LM-62-2020 (R23))

This Approved Method covers only thermal measurement of fluorescent lamps and ballasts in luminaires. Its purpose is to aid luminaire designers in achieving optimum performance of these components in given applications. In addition to the general test procedures outlined in this document, lamp and ballast manufacturers' data sheets should always be consulted when possible.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES LM-65-2020 (R202x), Approved Method: Life Testing of Single-Based Fluorescent Lamps (reaffirmation of ANSI/IES LM-65-2020 (R23))

This approved method describes the procedures to be followed and the precautions to be observed in order to obtain uniform and reproducible life test measurements of single-based compact fluorescent lamps and integrated electrodeless fluorescent lamps under standard conditions when operating on alternating current (AC) circuits. This document does not include linear, circular-shaped, or single-based U-bent fluorescent lamps.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

Comment Deadline: October 12, 2026

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES TM-26-20 (R202x), Technical Memorandum: Projecting Catastrophic Failure Rate of LED Packages (reaffirmation of ANSI/IES TM-26-20 (R23))

This document describes three methodologies for projecting the catastrophic failure rate of LED packages. The three methodologies presented are for information only and do not represent a complete set of methodologies in existence; these represent the methodologies that are publicly available, and have been made available, for publication by the IES.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Revision

BSR/IES LM-80-27-202x, Approved Method: Measuring Maintenance of Light Output Characteristics of Solid-State Light Sources (revision of ANSI/IES LM-80-21)

This Approved Method describes the procedures by which solid-state light sources, such as LED packages, arrays and modules; or laser diode packages, arrays and modules may be tested for flux maintenance over time, including luminous flux, radiant flux, and photon flux maintenance. This document also provides methods for measurement of spectrum-dependent characteristic maintenance, including changes in chromaticity coordinates, peak wavelength, dominant wavelength, centroid wavelength, and spectral power distribution over time, when carried out under controlled environmental and operational conditions.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Revision

BSR/IES RP-6-27-202x, Recommended Practice: Lighting Sports and Recreational Areas (revision of ANSI/IES RP-6-24)

The purpose of this Recommended Practice is to provide the reader with recommendations to aid in the design of sports lighting systems. Popular sports such as baseball, tennis, basketball and football, as well as recreational social activities such as horseshoe pitching and croquet are covered. Venues for spectators of amateur, collegiate, and professional sports are complex facilities that should provide not only for the spectators but also the equipment used in modern sports broadcasting. This document does not address the needs of broadcasting; for this, the reader should look for guidance from the sports league or the project consultant.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

Comment Deadline: October 12, 2026

IES (Illuminating Engineering Society)

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

Revision

BSR/IES RP-9-27-202x, Recommended Practice: Lighting Hospitality Spaces (revision of ANSI/IES RP-9-23)

This document provides guidance specific to lighting design for the following hotel areas:

- Exterior Entrances, Entry Drives,
- Lobbies; Elevator Lobbies
- Public Corridors; Public Restrooms
- Emergency Lighting
- Guest Corridors; Guest Rooms; Guest Bathrooms
- Ballrooms and Multifunction Meeting Rooms
- Exhibition Halls
- Food and Beverage; Retail; Spa Services
- Business Centers
- Fitness Centers

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

1055 Crupper Avenue, Columbus, OH 43229-1183 | NBICSecretary@nbbi.org, www.nationalboard.org

Revision

BSR/NBBPVI NB-23-202x, National Board Inspection Code (revision of ANSI/NBBPVI NB-23-2025)

First published in 1946, the National Board Inspection Code (NBIC) is an internationally recognized standard that governs and maintains rules for the installation, inspection, repair, and alteration of inservice pressure equipment. The NBIC is adopted into law by most US and Canadian jurisdictions. It is the basis for NBBI's four accreditation programs (R, VR, NR, and T/O) and is utilized by more than 5,200 repair organizations in over 60 countries. The NBIC is recognized as a national standard by the standards Institute (ANSI).

Single copy price: Free

Obtain an electronic copy from: <https://www.nationalboard.org/Index.aspx?pageID=4&ID=14>

Send comments (copy psa@ansi.org) to: NBICSecretary@nationalboard.org

NSF (NSF International)

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

Revision

BSR/NSF 58-202x (i120r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2025)

The purpose of this standard is to establish minimum requirements for materials, design and construction, and performance of reverse osmosis (RO) drinking water treatment systems. This standard also specifies the minimum product literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: <https://standards.nsf.org/higherlogic/ws/public/download/84732/58i120r1%20-%20JC%20Memo%20and%20Ballot.pdf>

Send comments (copy psa@ansi.org) to: Megan Brooks-Planck <mbrookspla@nsf.org>

Comment Deadline: October 12, 2026

PHTA (Pool and Hot Tub Alliance)

1650 King Street, Suite 602, Alexandria, VA 22314 | bpavlik@phta.org, www.PHTA.org

Revision

BSR/PHTA/ICC-3-202x, Standard for Permanently Installed Residential Spas and Exercise Spas (revision and redesignation of ANSI/APSP/ICC 3-2014 (R2023))

This standard is intended to cover permanently installed residential spas and exercise spas and not public spas, exercise spas or factory built residential portable spas, exercise spas that are used for bathing and are operated by an owner. In this type of spa the heater and water circulating equipment are not an integral part of the product. The spa is intended as a permanent fixture, and is not intended to be moved.

Single copy price: Free

Obtain an electronic copy from: www.phta.org/standards

Send comments (copy psa@ansi.org) to: www.phta.org/standards

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 1005-B-202x, Telecommunication Infrastructure Standard for Industrial Premises (revision and redesignation of ANSI/TIA 1005-A-2012)

This Standard specifies telecommunications cabling to support industrial premises applications (e.g., voice, data, text, video, industrial and building controls, security, fire alarm, imaging) while allowing for exposure to the wide range of environmental conditions expected in industrial premises (e.g., temperature, humidity, electrical noise, shock, vibration, corrosive gases, dust, liquids). Need to update the standard for the following items: 1) Include Addendum 1 of ANSI/TIA-1005-A 2) Update standard with new requirements for 1G for E2 and E3 environments The sections of the standard open for comment are limited to those clearly marked on the summary of changes.

Single copy price: \$69.00

Obtain an electronic copy from: standards-process@tiaonline.org

Send comments (copy psa@ansi.org) to: Cheryl Thibideau <standards-process@tiaonline.org>

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 197-202x, Standard for Commercial Electric Cooking Appliances (revision of ANSI/UL 197-2023)

This proposal for UL 197, Standard for Commercial Electric Cooking Appliances, covers the following topics: 1) Secondary Circuits in Commercial Electric Cooking Appliances; 2) Parts Subject to Pressure

Single copy price: Free

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

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

Comment Deadline: October 27, 2026

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME PTC 6-2004-202x, Steam Turbines (new standard)

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

Single copy price: \$255.00

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

Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME PTC 18-2020 (R202x), Hydraulic Turbines and Pump Turbines (reaffirmation of ANSI/ASME PTC 18-2020)

This Code defines procedures for field performance and acceptance testing of hydraulic turbines and pump turbines operating with water in either the turbine or pump mode. This Code applies to all sizes and types of hydraulic turbines or pump-turbines. It defines methods for ascertaining performance by measuring flow rate (discharge), head, power, and thermodynamic losses from which efficiency may be determined.

Single copy price: \$190.00

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

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

Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME PTC 47.3-2021 (R202x), Syngas Conditioning of an IGCC Power Plant (reaffirmation of ANSI/ASME PTC 47.3-2021)

The object of this Code is to provide uniform test methods and procedures for the determination of the performance of the syngas-conditioning block, which is located between the gasification block and the power block. This Code evaluates only thermal performance, not regulatory compliance or contaminant-removal effectiveness. The thermal performance determined by this Code compares the syngas fuel energy flow at the exit from the syngas-conditioning block with the syngas fuel energy flow at the inlet to the syngas-conditioning block.

Single copy price: \$135.00

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

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

Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

Comment Deadline: October 27, 2026

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME SBS-202x, Structures for Bulk Solids (revision of ANSI/ASME SBS-2023)

This Standard covers the requirements for vertical stationary containers used for the storage and processing of bulk solid materials at internal gage pressures not exceeding 15 psig (100 kPa) and external pressures, including wind pressure, not exceeding 1 psig (6.9 kPa) at temperatures up to 212°F (100°C).

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

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

Send comments (copy psa@ansi.org) to: Grace Bolan <bolang@asme.org>

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME Y14.46-202x, Product Definition for Additive Manufacturing (revision of ANSI/ASME Y14.46-2022)

This Standard covers the definitions of terms and features unique to additive manufacturing (AM) technologies with recommendations for their uniform specification in product definition data and in related documents. Unless otherwise specified, any reference to features, parts, or processes shall be interpreted as applying to parts or assemblies manufactured using an AM process. Additively manufactured parts or assemblies are referred to as “parts” throughout the Standard. The Standard extends to capturing relevant AM detail from design, manufacturing, and quality engineering.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

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

Send comments (copy psa@ansi.org) to: Fred Constantino

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 448-202x, Standard for Centrifugal Stationary Pumps for Fire-Protection Service (revision of ANSI/UL 448-2025A)

1. Interior Coatings 2. Updated Requirements for Nameplate

Single copy price: Free

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

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

Comment Deadline: October 27, 2026

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Suite 2000 , Evanston, IL 60201 | Dakota.Sabotka@UL.org, <https://ulse.org/>

Revision

BSR/UL 1820-202x, Standard for Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics (revision of ANSI/UL 1820-2004 (R2021))

Proposed New Edition (5th Edition) for UL 1820

Single copy price: Free

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

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>

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 3336-202x, Draft Guide for Vibration Tests for Aircraft Warning Marker Balls on Overhead Transmission Lines (new standard)

Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Final Actions on American National Standards

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

IAPMO (Z) (International Association of Plumbing and Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | standards@iapmostandards.org, <https://www.iapmostandards.org>

ANSI/IAPMO Z1403-2026, Water Demand Calculator (new standard) Final Action Date: 8/17/2026 | *New Standard*

ANSI/IAPMO Z1117-2026, Press Connections (revision of ANSI/IAPMO Z1117-2022) Final Action Date: 8/17/2026 | *Revision*

ISA (International Society of Automation)

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

ANSI/ISA 63082-1-2026, Intelligent device management - Part 1: Concepts and terminology (identical national adoption of IEC 63082-1:2025) Final Action Date: 8/18/2026 | *National Adoption*

NSF (NSF International)

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

ANSI/NSF 49-2026 (i211r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2024) Final Action Date: 8/18/2026 | *Revision*

ANSI/NSF 50-2026 (i224r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2025a) Final Action Date: 8/15/2026 | *Revision*

ANSI/NSF 455-3-2026 (i51r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024) Final Action Date: 8/18/2026 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 2850-2026, Standard for Safety for Vehicle Systems of Electric Scooters and Motorcycles (new standard) Final Action Date: 8/18/2026 | *New Standard*

ANSI/UL 60745-2-1-2011 (R2026), Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-1: Particular Requirements for Drills and Impact Drills (reaffirm a national adoption ANSI/UL 60745-2-1-2011 (R2022)) Final Action Date: 8/5/2026 | *Reaffirmation*

ANSI/UL 62841-3-9-2021 (R2026), Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-9: Particular Requirements for Transportable Mitre Saws (reaffirm a national adoption ANSI/UL 62841-3-9-2021) Final Action Date: 8/5/2026 | *Reaffirmation*

ANSI/UL 558-2026, Standard for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2025) Final Action Date: 8/17/2026 | *Revision*

ANSI/UL 1489-2026, Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids (revision of ANSI/UL 1489-2016 (R2021)) Final Action Date: 8/19/2026 | *Revision*

ANSI/UL 2017-2026, Standard for General-Purpose Signaling Devices and Systems (revision of ANSI/UL 2017-2018 (R2024)) Final Action Date: 8/19/2026 | *Revision*

ULSE (UL Standards and Engagement)

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

ANSI/UL 62841-2-5-2026, Standard for Safety for Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-5: Particular Requirements for Hand-Held Circular Saws (revision of ANSI/UL 62841-2-5-2024) Final Action Date: 8/18/2026 | *Revision*

ANSI/UL 62841-2-8-2026, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers (revision of ANSI/UL 62841-2-8-2016 (R2022)) Final Action Date: 8/18/2026 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

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

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

ANSI Accredited Standards Developers

AAMI - Association for the Advancement of Medical Instrumentation

BSR/AAMI 2700-1-202x

AAMI 2700-1:202X; Medical Devices and Medical Systems—Essential safety and performance requirements for equipment comprising the PATIENT-centric integrated clinical environment (ICE)—Part 1: General requirements and conceptual model

AAMI seeks stakeholders in the following underrepresented interest categories:

User: *A member of a consensus body who, as an individual or organizational representative, purchases, utilizes or receives the materials, products, systems, or services covered in the scope of technical documents developed by AAMI in the delivery of healthcare shall be classified as a User Interest stakeholder. Individuals in this interest category include clinicians, employees or representatives of Healthcare Delivery Organizations, clinical consultants, patients, etc.*

Regulatory: *A member of a consensus body who, as an individual or organizational representative, is involved in the regulation of the materials, products, systems, or services covered in the scope of the technical documents developed by AAMI shall be classified as a Regulatory Interest stakeholder. Individuals in this interest category would include those representing federal, state, local, foreign, or other government entities.*

General interest: *A member of a consensus body who, as an individual or organizational representative, has a general direct and material interest in the materials, products, systems, or services covered in the scope of the technical documents developed by AAMI and who does not fit into any of the preceding categories shall be classified as a General Interest stakeholder. Individuals in this category would include noncommercial academicians, noncommercial researchers, patient or consumer advocates, representatives of accrediting organizations, representatives of other organizations, etc.*

Other Interest: *A member who does not fit into any of the preceding interest categories but who still has an identifiable material interest in, or specialized knowledge of the materials, products, systems, or services covered in the scope of technical documents developed by AAMI in the delivery of healthcare shall be classified as an Other Interest stakeholder. The particular interest shall be declared and documented.*

Contact Rose Kodzwa for more information and to apply: rkodzwa@aami.org.

ANSI Accredited Standards Developer

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

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

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

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

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

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

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE/ASHRAE EP670-202x, Greenhouse Environment Control for Plant Production (new standard)

Interest Categories: This will be a joint project with membership from both ASABE and ASHRAE represented in the Consensus Body along with any other interested persons.

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE/ISO 9190:1990, Lawn and garden ride-on (riding) tractors –Drawbar (withdrawal of ANSI/ASAE/ISO 9190:1990 OCT2001 (R2022))

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PTC 6-2004-202x, Steam Turbines (new standard)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PTC 18-2020 (R202x), Hydraulic Turbines and Pump Turbines (reaffirmation of ANSI/ASME PTC 18-2020)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME PTC 47.3-2021 (R202x), Syngas Conditioning of an IGCC Power Plant (reaffirmation of ANSI/ASME PTC 47.3-2021)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.5-202x, Standard For Cylinders And Mechanical Pushbutton Mechanisms For Locks (revision of ANSI/BHMA A156.5-2020)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.25-202x, Standard For Electrified Locking Devices (revision of ANSI/BHMA A156.25-2023)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.47-202x, Standard For Electronic Input Devices (new standard)

IES (Illuminating Engineering Society)

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

BSR/IES LM-73-04 (R202x), Approved Method: Photometric Testing of Entertainment Luminaires Using Incandescent Filament Lamps or High Intensity Discharge Lamps (reaffirmation of ANSI/IES LM-73-04 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-80-27-202x, Approved Method: Measuring Maintenance of Light Output Characteristics of Solid-State Light Sources (revision of ANSI/IES LM-80-21)

IES (Illuminating Engineering Society)

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

BSR/IES LM-88-18 (R202x), Approved Method: Optical and Electrical Measurements of AC-LED Packages and Arrays or Modules (reaffirmation of ANSI/IES LM-88-18 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-91-22 (R202x), Approved Method: Application Distance Radiometry (reaffirmation of ANSI/IES LM-91-22)

IES (Illuminating Engineering Society)

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

BSR/IES LM-35-2020 (R202x), Approved Method: Photometric Testing of Floodlighting for HID or Incandescent Lamps (reaffirmation of ANSI/IES LM-35-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-40-2020 (R202x), Approved Method: Life Testing of Fluorescent Lamps (reaffirmation of ANSI/IES LM-40-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-46-2020 (R202x), Approved Method: Photometric Testing of Indoor Luminaires Using HID or Incandescent Filament Lamps (reaffirmation of ANSI/IES LM-46-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-47-2020 (R202x), Approved Method: Life Testing of High Intensity Discharge (HID) Lamps (reaffirmation of ANSI/IES LM-47-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-49-2020 (R202x), Approved Method: Life Testing of Incandescent Filament Lamps (reaffirmation of ANSI/IES LM-49-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-61-2020 (R202x), Approved Method: Identifying Operating Factors for Installed High Intensity Discharge Luminaires (reaffirmation of ANSI/IES LM-61-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-62-2020 (R202x), Approved Method: Laboratory or Field Thermal Measurements of Fluorescent Lamps and Ballasts in Luminaires (reaffirmation of ANSI/IES LM-62-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES LM-65-2020 (R202x), Approved Method: Life Testing of Single-Based Fluorescent Lamps (reaffirmation of ANSI/IES LM-65-2020 (R23))

IES (Illuminating Engineering Society)

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

BSR/IES RP-6-27-202x, Recommended Practice: Lighting Sports and Recreational Areas (revision of ANSI/IES RP-6-24)

IES (Illuminating Engineering Society)

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

BSR/IES RP-9-27-202x, Recommended Practice: Lighting Hospitality Spaces (revision of ANSI/IES RP-9-23)

IES (Illuminating Engineering Society)

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

BSR/IES RP-49-27-202x, Recommended Practice: Lighting Jails and Lockups (new standard)

IES (Illuminating Engineering Society)

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

BSR/IES TM-44-202x, Parametric Variations in LED Packages, Arrays and Modules Affecting Luminous Flux and Color Maintenance (new standard)

IES (Illuminating Engineering Society)

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

BSR/IES TM-26-20 (R202x), Technical Memorandum: Projecting Catastrophic Failure Rate of LED Packages (reaffirmation of ANSI/IES TM-26-20 (R23))

NSF (NSF International)

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

BSR/NSF 12-202x (i24r1), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2024)

NSF (NSF International)

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

BSR/NSF 58-202x (i120r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2025)

PHTA (Pool and Hot Tub Alliance)

1650 King Street, Suite 602, Alexandria, VA 22314 | bpavlik@phta.org, www.PHTA.org

BSR/PHTA/ICC-3-202x, Standard for Permanently Installed Residential Spas and Exercise Spas (revision and redesignation of ANSI/APSP/ICC 3-2014 (R2023))

TIA (Telecommunications Industry Association)

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

BSR/TIA 1005-B-202x, Telecommunication Infrastructure Standard for Industrial Premises (revision and redesignation of ANSI/TIA 1005-A-2012)

American National Standards (ANS) Process

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

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

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

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

American National Standards Under Continuous Maintenance

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AACE

AACE International

www.aacei.org

Stephen Warhoe

spwarhoe@comcast.net

AAFS

American Academy of Forensic Sciences

410 North 21st Street

Colorado Springs, CO 80904

www.aafs.org

Teresa Ambrosius

tambrosius@aafs.org

ANS

American Nuclear Society

1111 Pasquinelli Drive, Suite 350

Westmont, IL 60559

www.ans.org

Kathryn Murdoch

kmurdoch@ans.org

ASABE

American Society of Agricultural and
Biological Engineers

2590 Niles Road

Saint Joseph, MI 49085

<https://www.asabe.org/>

Sadie Stell

stell@asabe.org

ASABE

American Society of Agricultural and
Biological Engineers

2950 Niles Road

Saint Joseph, MI 49085

<https://www.asabe.org/>

Jean Walsh

walsh@asabe.org

ASHRAE

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

180 Technology Parkway

Peachtree Corners, GA 30092

www.ashrae.org

Carmen King

cking@ashrae.org

ASME

American Society of Mechanical Engineers

Two Park Avenue, M/S 6-2B

New York, NY 10016

www.asme.org

Terrell Henry

ansibox@asme.org

BHMA

Builders Hardware Manufacturers
Association

529 14th Street NW, Suite 1280

Washington, DC 20045

www.buildershardware.com

Tony Gambrall

agambrall@kellenccompany.com

CSA

CSA America Standards Inc.

8501 East Pleasant Valley Road

Cleveland, OH 44131

www.csagroup.org

Thuy Ton

ansi.contact@csagroup.org

IAPMO (Z)

International Association of Plumbing &
Mechanical Officials

4755 East Philadelphia Street

Ontario, CA 91761

<https://www.iapmostandards.org>

Terry Burger

standards@iapmostandards.org

ICC

International Code Council

4051 Flossmoor Road

Country Club Hills, IL 60748

www.iccsafe.org

Jennifer Hess

jhess@iccsafe.org

IES

Illuminating Engineering Society

85 Broad Street, 17th Floor

New York, NY 10004

www.ies.org

Patricia McGillicuddy

pmcgillicuddy@ies.org

IIAR

International Institute of All-Natural
Refrigeration

1001 North Fairfax Street

Alexandria, VA 22314

www.iiar.org

Tony Lundell

tony_lundell@iiar.org

ISA (Organization)

International Society of Automation

3252 S. Miami Blvd, Suite 102

Durham, NC 27703

www.isa.org

Torry Bailey

tbailey@isa.org

NBBPVI

National Board of Boiler and Pressure
Vessel Inspectors

1055 Crupper Avenue

Columbus, OH 43229

www.nationalboard.org

Jonathan Ellis

NBICSecretary@nbbi.org

NEMA (ASC C12)

National Electrical Manufacturers
Association

1300 North 17th Street, Suite 900

Rosslyn, VA 22209

www.nema.org

Paul Orr

Pau_orr@nema.org

NSF

NSF International

789 N. Dixboro Road

Ann Arbor, MI 48105

www.nsf.org

Allan Rose

arose@nsf.org

Amy Jump

ajump@nsf.org

Megan Brooks-Planck

mbrookspla@nsf.org

Rachel Brooker

rbrooker@nsf.org

PHTA

Pool and Hot Tub Alliance
1650 King Street, Suite 602
Alexandria, VA 22314
www.PHTA.org

Blake Pavlik
bpavlik@phta.org

SCTE

Society of Cable Telecommunications
Engineers
858 Coal Creek Circle
Louisville, CO 80027
www.scte.org

Tiffany Montero
tmontero@scte.org

TIA

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

Teesha Jenkins
tjenkins@tiaonline.org

ULSE

UL Standards & Engagement
100 Queen St. Suite 1040
Ottawa, Canada, ON K1P1J
<https://ulse.org/>

Emily Stephens
Emily.Stephens@UL.org

ULSE

UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC 27709
<https://ulse.org/>

Ashley Seward
ashley.seward@ul.org

Doreen Stocker
Doreen.Stocker@ul.org

Griff Edwards
griff.edwards@ul.org

Nicolette Weeks
Nicolette.A.Weeks@ul.org

Tony Partridge
Tony.Partridge@ul.org

ULSE

UL Standards & Engagement
12 Laboratory Drive
RTP, NC 27709
<https://ulse.org/>

Sean McAlister
sean.mcalister@ul.org

ULSE

UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC 27709
<https://ulse.org/>

Adam Payrot
Adam.Payrot@ul.org

ULSE

UL Standards & Engagement
1603 Orrington Ave
Evanston, IL 60201
<https://ulse.org/>

Erin Webber
erin.webber@ul.org

ULSE

UL Standards & Engagement
1603 Orrington Ave, Suite 2000
Evanston, IL 60201
<https://ulse.org/>

Madison Lee
madison.lee@ul.org

ULSE

UL Standards & Engagement
1603 Orrington Ave, Suite 2000
Evanston, IL 60201
<https://ulse.org/>

Dakota Sabotka
Dakota.Sabotka@UL.org

ULSE

UL Standards & Engagement
47173 Benicia Street
Fremont, CA 94538
<https://ulse.org/>

Derrick Martin
Derrick.L.Martin@ul.org



ISO & IEC Draft International Standards

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

COMMENTS

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

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

ACCESSING ISO AND IEC DRAFTS

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

ISO Standards

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 25178-607, Geometrical product specifications (GPS) - Surface texture: Areal - Part 607: Design and characteristics of non-contact (confocal microscopy) instruments - 11/8/2026, \$93.00

Industrial fans (TC 117)

ISO/DIS 13350.2, Fans - Performance testing of jet fans in a laboratory - 12/8/2025, \$107.00

Industrial trucks (TC 110)

ISO/DIS 15871, Industrial trucks - Specifications for indicator lights for container handling and grapple arm operations - 11/9/2026, \$40.00

Road vehicles (TC 22)

ISO/DIS 18669-1, Internal combustion engines - Piston pins - Part 1: General specifications - 11/7/2026, \$88.00

ISO/DIS 26262-1, Road vehicles - Functional safety - Part 1: Vocabulary - 11/7/2026, \$102.00

ISO/DIS 26262-2, Road vehicles - Functional safety - Part 2: Management of functional safety - 11/7/2026, \$107.00

ISO/DIS 26262-3, Road vehicles - Functional safety - Part 3: Product development at the item level - 11/7/2026, \$107.00

ISO/DIS 26262-4, Road vehicles - Functional safety - Part 4: Product development at the system level - 11/7/2026, \$93.00

ISO/DIS 26262-5, Road vehicles - Functional safety - Part 5: Product development at the hardware level - 11/7/2026, \$165.00

ISO/DIS 26262-6, Road vehicles - Functional safety - Part 6: Product development at the software level - 11/7/2026, \$134.00

ISO/DIS 26262-7, Road vehicles - Functional safety - Part 7: Production, operation, service and decommissioning - 11/7/2026, \$67.00

ISO/DIS 26262-8, Road vehicles - Functional safety - Part 8: Supporting processes - 11/7/2026, \$125.00

ISO/DIS 26262-9, Road vehicles - Functional safety - Part 9: Automotive safety integrity level (ASIL)-oriented and safety-oriented analyses - 11/7/2026, \$107.00

ISO/DIS 26262-10, Road vehicles - Functional safety - Part 10: Guidelines on ISO 26262 - 11/7/2026, \$165.00

ISO/DIS 26262-11, Road vehicles - Functional safety - Part 11: Guidelines on application of ISO 26262 to semiconductors - 11/7/2026, \$185.00

ISO/DIS 26262-12, Road vehicles - Functional safety - Part 12: Adaptation of ISO 26262 for motorcycles - 11/7/2026, \$112.00

Sieves, sieving and other sizing methods (TC 24)

ISO/DIS 14488, Particulate materials - Sampling and sample splitting for the determination of particulate properties - 11/7/2026, \$112.00

Small craft (TC 188)

ISO/DIS 12217-1.2, Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats - 2/8/2026, \$146.00

Soil quality (TC 190)

ISO/DIS 25370, Soil quality - Guidance on deriving adsorption-desorption parameters of soil and soil-like materials from laboratory batch leaching tests - 11/7/2026, \$62.00

Textiles (TC 38)

ISO/DIS 22744-1, Textiles and textile products - Determination of organotin compounds - Part 1: Derivatisation method using gas chromatography - 11/12/2026, \$62.00

Water re-use (TC 282)

ISO/DIS 16075-8, Guidelines for treated wastewater use for irrigation projects - Part 8: Reservoirs - 11/12/2026, \$77.00

Welding and allied processes (TC 44)

ISO/DIS 17632, Welding consumables - Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of non-alloy and fine grain steels - Classification - 11/12/2026, \$88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23090-4:2025/DAmD 1, - Amendment 1: Information technology - Coded representation of immersive media - Part 4: MPEG-I immersive audio - Amendment 1: Maintenance - 11/8/2026, \$155.00

ISO/IEC 23090-34:2025/DAmD 1, - Amendment 1: Information technology - Coded representation of immersive media - Part 34: Immersive audio reference software - Amendment 1: Maintenance - 11/7/2026, \$29.00

ISO/IEC DIS 15938-17, Information technology - Multimedia content description interface - Part 17: Compression of neural networks for multimedia content description and analysis - 11/8/2026, \$165.00

ISO/IEC DIS 25000-23.2, Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Part 23: Measurement of product quality - 4/9/2026, \$134.00

IEC Standards**Capacitors and resistors for electronic equipment (TC 40)**

40/3329/CD, IEC 60115-1 ED6: Fixed resistors for use in electronic equipment - Part 1: Generic specification, 10/16/2026

Documentation and graphical symbols (TC 3)

3/1798/ED, IEC 60617-C00295 ED1: Symbol for arrester in diagrams, 10/02/2026

Electrical apparatus for explosive atmospheres (TC 31)

31M/305/CDV, ISO/IEC 80079-20-1 ED2: Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data, 11/13/2026

31M/317/FDIS, ISO/IEC 80079-41 ED1: Explosive atmospheres - Part 41: Reciprocating internal combustion engines, 10/02/2026

Electrical equipment in medical practice (TC 62)

62B/1416(F)/FDIS, IEC 63483 ED1: Methods for spectral imaging performance evaluation of computed tomography, 09/11/2026

62D/2325/CD, ISO 27427 ED1: Anaesthetic and respiratory equipment - Nebulizing systems and components, 10/16/2026

Environmental standardization for electrical and electronic products and systems (TC 111)

111/901/CDV, IEC 62321-15 ED1: Determination of certain substances in electrotechnical products - Part 15: Tebrabromobisphenol A (TBBPA) in plastics by liquid chromatography-mass spectrometry (LC-MS), 11/13/2026

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

112/741/FDIS, IEC 60544-4 ED3: Electrical insulating materials - Determination of the effects of ionizing radiation - Part 4: Classification system for service in radiation environments, 10/02/2026

Fibre optics (TC 86)

86A/2715/CDV, IEC 60793-2-40 ED6: Optical fibres - Part 2-40: Product specifications - Sectional specification for category A4 multimode fibres, 11/13/2026

86A/2726/FDIS, IEC 60794-1-122 ED1: Optical fibre cables - Part 1-122: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Buffered fibre movement under compression in optical fibre cables for use in patch cords, Method E22, 10/02/2026

Fire hazard testing (TC 89)

89/1675(F)/FDIS, IEC 60695-11-2 ED4: Fire hazard testing - Part 11-2: Test flames - 1 kW pre-mixed flame - Apparatus, confirmatory test arrangement and guidance, 09/18/2026

Flat Panel Display Devices (TC 110)

110/1865/CDV, IEC 62977-1-2 ED1: Electronic displays - Part 1-2: Generic - Terminology and letter symbols related to optical measurement and evaluation, 11/13/2026

110/1866/CDV, IEC 63145-201-10 ED1: Eyewear display - Part 201-10: Optical characteristics of VR type - Singlet lens used for eyepieces, 11/13/2026

Industrial-process measurement and control (TC 65)

65A/1257/CD, IEC 61326-2-6/AMD1 ED4: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-6: Particular requirements - In vitro diagnostic (IVD) medical equipment, 10/16/2026

65B/1351/FDIS, IEC 62828-3 ED2: Reference conditions and procedures for testing industrial and process measurement transmitters - Part 3: Specific procedures for temperature transmitters, 10/02/2026

65/1245/CD, IEC 63278-5 ED1: Asset Administration Shell for industrial applications - Part 5: Interfaces, 10/16/2026

Lamps and related equipment (TC 34)

34/1506/NP, PNW 34-1506 ED1: Equipment for general lighting purposes - Temporal light artefacts - Part 3: Test method for phantom array effects, 11/13/2026

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1197/CDV, IEC 63173-1 ED2: Maritime navigation and radiocommunication equipment and systems - Data interfaces - Part 1: S-421 route plan based on S-100, 11/13/2026

80/1198/CDV, IEC 63173-2 ED2: Maritime navigation and radiocommunication equipment and systems - Data interfaces - Part 2: Secure communication between ship and shore (SECOM), 11/13/2026

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

113/997/DTS, IEC TS 62607-6-34 ED1: Nanomanufacturing - Key control characteristics - Part 6-34: Graphene-related products - Reduction degree of reduced graphene oxide: Raman spectroscopy, 10/16/2026

113/998/NP, PNW TS 113-998 ED1: Nanomanufacturing - Key control characteristics - Part 4-17: Nano-enabled energy storage - Manganese dioxide content in cathode material of alkaline zinc-manganese dioxide batteries: iodometric titration method, 11/13/2026

Performance of household electrical appliances (TC 59)

59L/322(F)/FDIS, IEC 60704-2-7 ED3: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-7: Particular requirements for fans, 09/18/2026

59L/323(F)/FDIS, IEC 60704-2-8 ED3: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-8: Particular requirements for electric shavers, hair clippers or trimmers, 09/18/2026

59/878/CD, IEC 63008/AMD1 ED1: Amendment 1 - Household and similar electrical appliances - Accessibility of control elements, doors, lids, drawers and handles, 10/16/2026

59K/433(F)/CDV, IEC 63724 ED1: Electric forced convection ovens, steam cookers and combination ovens for professional use - Test methods for measuring the performance (Fast track), 10/16/2026

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

116/1013/CD, IEC 62841-1/AMD2 ED1: Amendment 2 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements, 10/16/2026

116/1012/FDIS, IEC 62841-4-2/AMD2 ED1: Amendment 2 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-2: Particular requirements for hedge trimmers, 10/02/2026

116/996/CDV, IEC 63241-1/AMD1 ED1: Amendment 1 - Electric motor-operated tools - Dust measurement procedure - Part 1: General requirements, 11/13/2026

116/995/CDV, IEC 63241-2-22/AMD1 ED1: Amendment 1 - Electric motor-operated tools - Dust measurement procedure - Part 2-22: Particular requirements for hand-held cut-off machines and wall chasers, 11/13/2026

116/992/CDV, IEC 63241-2-3/AMD1 ED1: Amendment 1 - Electric motor-operated tools - Dust measurement procedure - Part 2-3: Particular requirements for hand-held concrete grinders and disc-type sanders, 11/13/2026

116/993/CDV, IEC 63241-2-4/AMD1 ED1: Amendment 1 - Electric motor-operated tools - Dust measurement procedure - Part 2-4: Particular requirements for hand-held sanders, 11/13/2026

116/994/CDV, IEC 63241-2-6/AMD1 ED1: Amendment 1 - Electric motor-operated tools - Dust measurement procedure - Part 2-6: Particular requirements for hand-held hammers, 11/13/2026

Safety of household and similar electrical appliances (TC 61)

61H/423/CD, IEC 60335-2-131 ED1: Household and similar electrical appliances - Safety - Part 2-131: Particular requirements for virtual fencing, 10/16/2026

Safety of measuring, control, and laboratory equipment (TC 66)

66/886(F)/FDIS, IEC 61010-1/AMD2 ED3: Amendment 2 - Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements, 09/04/2026

66/897/CD, IEC 61010-2-051 ED5: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring, 10/16/2026

66/896/CD, IEC 61010-2-061 ED5: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization, 10/16/2026

66/895/CD, IEC 61010-2-081 ED4: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes, 10/16/2026

Secondary cells and batteries (TC 21)

21A/991(F)/FDIS, IEC 61960-3/AMD1 ED1: Amendment 1 - Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells and batteries made from them, 09/11/2026

21/1317/CD, IEC 63591-2 ED1: Secondary sodium-ion cells for the propulsion of electric road vehicles - Part 2: Safety requirements and test methods, 10/16/2026

Semiconductor devices (TC 47)

47E/905/CD, IEC 60747-9/AMD1 ED3: Amendment 1 - Semiconductor devices - Part 9: Discrete devices - Insulated-gate bipolar transistors (IGBTs), 10/16/2026

47F/568/FDIS, IEC 62047-56 ED1: Semiconductor devices - Micro-electromechanical devices - Part 56: Test method for characteristics of MEMS metal oxide semiconductor (MOS) type gas sensor, 10/02/2026

Solar photovoltaic energy systems (TC 82)

82/2685/FDIS, IEC 63409-1 ED1: Photovoltaic power generating systems connection with the grid - Testing of power conversion equipment- Part 1: General requirements, 10/02/2026

Standard voltages, current ratings and frequencies (TC 8)

8C/188/CD, IEC TS 63639-1 ED1: Electric power system restoration - Part 1: general guidelines, 10/16/2026

Surface mounting technology (TC 91)

91/2120/CDV, IEC 61191-10-2 ED1: Circuit board assemblies - Part 10-2: Guideline for Establishing Bonding Parameters in Laser-Assisted Bonding between Semiconductor Chip and Substrate, 11/13/2026

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

121A/732/FDIS, IEC 60947-7-2 ED4: Low-voltage switchgear and controlgear - Part 7-2: Ancillary equipment - Protective conductor terminal blocks for copper conductors, 10/02/2026

121A/733/FDIS, IEC 60947-7-4 ED3: Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors, 10/02/2026

(TC)

CIS/A/1514/CDV, CISPR 16-1-6/AMD3/FRAG4 ED1: Amendment 3 - Fragment 4: NSA, 11/13/2026



Newly Published ISO & IEC Standards

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

ISO Standards

Aircraft and space vehicles (TC 20)

[ISO 23665:2026](#), Uncrewed aircraft systems - Training for personnel involved in UAS operations, \$324.00

Building environment design (TC 205)

[ISO 16484-5:2026](#), Building automation and control systems (BACS) - Part 5: Data communication protocol, \$324.00

Fine Bubble Technology (TC 281)

[ISO 25549:2026](#), Fine bubble technology - Evaluation method for determining the shear viscosity of ultrafine bubble dispersions, \$143.00

Industrial automation systems and integration (TC 184)

[ISO 23704-4:2026](#), General requirements for cyber-physically controlled smart machine tool systems (CPSMT) - Part 4: Requirements and guidelines for implementing reference architecture of CPSMT for subtractive manufacturing, \$258.00

Optics and optical instruments (TC 172)

[ISO 11551:2026](#), Optics and photonics - Lasers and laser-related equipment - Test method for absorptance of optical laser components, \$143.00

Plastics (TC 61)

[ISO 18994:2026](#), Plastics - Water meter cabinet - Materials and design specifications, \$63.00

Rubber and rubber products (TC 45)

[ISO 247-1:2026](#), Rubber - Determination of ash - Part 1: Combustion method, \$63.00

Safety of toys (TC 181)

[ISO 8124-5:2026](#), Safety of toys - Part 5: Determination of total concentration of certain elements in toys, \$193.00

Security (TC 292)

[ISO 22353:2026](#), Security and resilience - Guidelines for crowd management, \$227.00

Textiles (TC 38)

[ISO 24269:2026](#), Nonwovens - Performance requirements and test methods for filtration and safety - Materials for general use face coverings, \$227.00

Transport information and control systems (TC 204)

[ISO 16785:2026](#), Electronic fee collection - Application interface definition between dedicated short-range communication on-board equipment (DSRC-OBE) and external in-vehicle devices, \$193.00

Vacuum technology (TC 112)

[ISO 3567:2026](#), Vacuum gauges - Calibration by direct comparison with a reference gauge, \$143.00

IEC Technical Specifications

Cleaning equipment for air and other gases (TC 142)

[IEC/TS 63086-2-5:2026](#), \$227.00

ISO Technical Specifications

Building environment design (TC 205)

[ISO/TS 23764:2026](#), Methodology for achieving non-residential zero-energy buildings (ZEBs), \$258.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 38505-1:2026](#), Information technology - Governance of data - Part 1: Application of ISO/IEC 38500 to the governance of data, \$193.00

[ISO/IEC 20071-31:2026](#), Information technology - User interface component accessibility - Part 31: Accessibility of kiosks, \$143.00

[ISO/IEC 23090-15:2026](#), Information technology - Coded representation of immersive media - Part 15: Conformance testing for versatile video coding, \$324.00

[ISO/IEC/IEEE 8802-A:2026](#), Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part A: Overview and architecture, \$324.00

[ISO/IEC/IEEE 8802-1Q:2024/Amd 39:2026](#), - Amendment 3: Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 1Q: Bridges and bridged networks - Amendment 39: YANG data models for the credit-based shaper, \$26.00

[ISO/IEC/IEEE 8802-1AS:2021/Amd 2:2026](#), - Amendment 2: Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part 1AS: Timing and synchronization for time-sensitive applications in bridged local area networks - Amendment 2: YANG data model, \$291.00

[ISO/IEC/IEEE 8802-1Q:2024/Amd 40:2026](#), - Amendment 4: Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 1Q: Bridges and bridged networks - Amendment 40: YANG for the multiple spanning tree protocol, \$227.00

[ISO/IEC/IEEE 8802-1AS:2021/Amd 3:2026](#), - Amendment 3: Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part 1AS: Timing and synchronization for time-sensitive applications in bridged local area networks - Amendment 3: Hot standby and clock drift error reduction, \$324.00

[ISO/IEC/IEEE 8802-3:2026/Cor 1:2026](#), Corrigendum, FREE

[ISO/IEC/IEEE 8802-3:2026](#), Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 3: Standard for Ethernet, \$324.00

IEC Standards

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

[IEC 60728-114 Ed. 1.0 en:2026](#), <p>Cable networks for television signals, sound signals and interactive services - Part 114: Optical transmission systems using RFoG technology</p>, \$421.00

[IEC 60728-114 Ed. 1.0 b:2026](#), <p>Cable networks for television signals, sound signals and interactive services - Part 114: Optical transmission systems using RFoG technology</p>, \$421.00

Electrical accessories (TC 23)

[IEC 63402-2-2 Ed. 1.0 b:2026](#), Energy efficiency - Customer energy management system - Part 2-2: Data model and messaging - Interface between the customer energy manager and resource managers, \$578.00

[IEC 63402-2-2 Ed. 1.0 en:2026](#), Energy efficiency - Customer energy management system - Part 2-2: Data model and messaging - Interface between the customer energy manager and resource managers, \$578.00

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

[IEC 61076-2-104 Ed. 3.0 b:2026](#), Connectors for electrical and electronic equipment - Product requirements - Part 2-104: Circular connectors - Detail specification for circular connectors with M8 screw-locking or snap-locking, \$478.00

Performance of household electrical appliances (TC 59)

[IEC 61591 Amd.1 Ed. 3.0 en:2026](#), Amendment 1 - Cooking fume extractors - Methods for measuring performance, \$29.00

[IEC 61591 Amd.1 Ed. 3.0 b:2026](#), Amendment 1 - Cooking fume extractors - Methods for measuring performance, \$29.00

[IEC 61591 Ed. 3.1 en:2026](#), Cooking fume extractors - Methods for measuring performance, \$684.00

Safety of household and similar electrical appliances (TC 61)

[IEC 60335-2-72 Ed. 5.0 b:2021](#), Household and similar electrical appliances - Safety - Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use, \$542.00

Surface mounting technology (TC 91)

[IEC 61249-3-6 Ed. 1.0 b:2026](#), Materials for circuit boards and other interconnecting structures - Part 3-6: Sectional specification set for unreinforced base materials clad and unclad - Polytetrafluoroethylene (PTFE) filled laminate sheets of defined flammability (vertical burning test), copper-clad, \$164.00

IEC Technical Specifications

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

[IEC/TS 62607-3-5 Ed. 1.0 en:2026](#), Nanomanufacturing - Key control characteristics - Part 3-5: Nanophotonic products - Light conversion efficiency of quantum dot enabled light conversion films: luminance meter, \$114.00

Solar photovoltaic energy systems (TC 82)

[IEC/TS 63092-3 Ed. 1.0 en:2026](#), Photovoltaics in buildings - Part 3: Determination methodology for the solar heat gain coefficient of building-integrated photovoltaic modules, \$114.00

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Clusters

Comment Deadline: September 2, 2026

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on *Clusters*, with the following scope statement:

Standardization in the field of cluster governance, including principles, governance structures, diagnostic methods, coordination mechanisms, performance assessment, and implementation tools to improve cluster functioning and productivity.

Note: If this proposal is approved by ISO member bodies, ISO/TC 279 *Innovation management* will consider the proposal and determine how the work can be taken forward, including whether its title and scope should be revised.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on September 2, 2026.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Construction management

Comment Deadline: September 2, 2026

INSO, the ISO member body for the Islamic Republic of Iran, has submitted to ISO a proposal for a new field of ISO technical activity on *Construction management*, with the following scope statement:

Standardization in the field of construction management, with particular emphasis on the execution phase of built environment projects, including: + planning, coordination, and control of construction execution processes and site-based activities; + management of resources required for construction execution, including workforce, equipment, materials, and information flows, strictly from an organizational and managerial perspective; + operational management practices for on-site delivery, including performance measurement and monitoring; + coordination of execution-phase activities with relevant design outputs, quality, safety, environmental, and lifecycle considerations, without addressing design development, design governance, or technical specification activities; + management practices supporting health, safety, and environmental (HSE) performance during construction execution; + practical application of digital tools and information technologies to support construction execution management processes, without defining information models, data structures, interoperability protocols, or digital technical specifications.

The work of this committee is limited to management frameworks and execution-phase coordination practices. It does not address the technical performance, design, specification, or safety requirements of products, materials, machinery, electrotechnical systems, or digital infrastructure. On-site assembly, installation, and coordination of prefabricated components are included in this scope. Off-site manufacturing and factory production processes for prefabricated building systems remain outside the scope of this committee and are the responsibility of ISO/TC 59/SC 19 (Prefabricated Building). The deliverables of this committee are intended as voluntary management guidance and shall not establish regulatory, legal, professional qualification, certification, or technical product requirements.

Excluded:

- *technical design standards for buildings and civil engineering works (e.g., ISO/TC 59, ISO/TC 98);*
- *manufacturing and factory production processes for prefabricated building systems (ISO/TC 59/SC 19).*
- *material-specific technical execution standards for concrete, steel, aluminum, timber, and other construction materials (ISO/TC 71, ISO/TC 167, ISO/TC 165, ISO/TC 74, ISO/TC 17, etc.);*
- *standards for construction machinery, equipment, and related technical requirements (ISO/TC 195);*
- *generic management system standards, including quality, environmental, and occupational health and safety management systems (ISO/TC 176, ISO/TC 207, ISO/TC 283);*
- *project, programme, and portfolio management standards addressing project governance, lifecycle frameworks, terminology, and generic project management concepts (ISO/TC 258);*
- *information modelling standards, data schemas, digital interoperability frameworks, semantic models, and electrotechnical documentation standards.*

Note: If this proposal is approved by ISO member bodies, ISO/TC 59 *Buildings and civil engineering works* will consider the proposal and determine how the work can be taken forward, including whether its title and scope should be revised.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on September 2, 2026.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Responsible Business Practices and Sustainability Reporting

Comment Deadline: September 2, 2026

BSI (UK), ABNT (Brazil), DS (Denmark), AFNOR (France) and BIS (India) have submitted to ISO a draft proposal for a new ISO technical committee and 3 subcommittees on *Responsible Business Practices and Sustainability Reporting*. The new committee structure is proposed with the following scope statements:

TC on *Responsible Business Practices and Sustainability Reporting* (Twinned leadership between BSI and ABNT)

Scope: *Standardization in the field of responsible business practices, corporate sustainability, ESG principles, and transparent reporting frameworks. This includes:*

- *Horizontal frameworks and guidance to support the management of the United Nations Sustainable Development Goals (SDGs).*
- *Environmental, Social, and Governance (ESG) horizontal principles, including disclosures and performance measurement.*
- *Social responsibility frameworks, to enhance accountability for the impacts of decisions and activities on society and the environment, ethical business operations, and community engagement.*

Exclusions: *Standards in the scope of the following committees:*

- *ISO/TC 207 Environment Management*
- *ISO/TC 309 Governance of Organizations*
- *ISO/TC 322 Sustainable Finance*

SC 1 - *SDG Management* (DS Secretariat)

Scope: *Standardization in the field of Horizontal Frameworks and Guidance to Support the Management of United Nations Sustainable Development Goals (SDGs).*

SC 2 – *Social Responsibility* (AFNOR Secretariat)

Scope: *Standardization in the field of Social Responsibility as defined by ISO 26000:2010 to provide frameworks that support the transformation of organizations of all sizes, shapes and levels of SR maturity and thus enhance accountability, ethical business operations, and stakeholders and community engagement.*

SC 3 - *Sustainability Reporting* (BIS Secretariat)

Scope: *Standardization in sustainability reporting, horizontal principles, including disclosures and performance measurement.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Sara Desautels (sdesautels@ansi.org) by close of business on September 2, 2026.

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.

International Code Council

BSR/ICC 901/SRCC 100, Solar Thermal Collector Standard

Working Draft

, 2026

Working draft containing unapproved, draft changes to the [ICC 901/SRCC 100-2020](#) standard opened for revision in 2024/2025 by the IS-STSC. The contents of this document are subject to change and have not been formally approved by the ICC Solar Thermal Technical Committee (IS-STSC) the technical consensus committee responsible for its maintenance. It is not approved for use or adoption until finalized by the IS-STSC in accordance with ICC's ANSI-approved standard development policies.

CHAPTER 3

GENERAL REQUIREMENTS

SECTION 302

MATERIALS

302.5 Nonconcentrating solar thermal collectors. Materials used in the construction of nonconcentrating *solar thermal collectors* shall withstand *standard stagnation temperature* without significant *degradation* in accordance with Section 402.2 for determination of stagnation temperature and 402.3 for exposure testing .

302.6 Concentrating solar thermal collectors. Materials used in the construction of concentrating *solar thermal collectors* shall withstand the maximum temperature to which the *solar thermal collector* is tested in accordance with Section 402.2 for determination of stagnation temperature and 402.3 for exposure testing.

IIAR HC-202x

Safety Standard for Closed-Circuit Refrigeration Systems Utilizing Hydrocarbon Refrigerants

IIAR HC Public Review #5 Draft

Only ~~striked-through~~ [(removals) e.g., ~~heat~~]
or underlined [(additions) e.g., mixtures]
can be commented on.

International Institute of All-Natural Refrigeration

1001 North Fairfax Street, Suite 503

Alexandria, VA 22314

Phone: (703) 312-4200

Fax: (703) 312-0065

www.iiar.org

Safety Standard for Closed-Circuit Refrigeration Systems Utilizing Hydrocarbon Refrigerants

Chapter 5. General Safety Requirements

5.16 General Safety Requirements

5.16.2 **Hydrocarbon Refrigerant Storage.** Hydrocarbon refrigerants shall be stored in cylinders or vessels designed for hydrocarbon refrigerant containment. ~~and a~~ Access to cylinders or vessels containing hydrocarbon refrigerants shall be restricted to authorized personnel. All compressed gas cylinders must be secured in the upright position individually ~~in the upright position~~ by using ~~an~~ a single approved, ~~single~~ non-sparking chain, strap, or stand ~~2/3 of the way up from the floor;~~ attached to a stationary building support (wall or floor), or to a cylinder cart to prevent falling. The securing element shall be located at a height above the bottom of the cylinder equivalent to approximately 2/3rds of the cylinder's total height.

Chapter 7. Refrigeration Equipment Located Outdoors

7.2.1.1 *The minimum safe distance may be determined using the following equation:

H_{enc} = the height (m) of the enclosure or solid (non-open) fence surrounding the refrigeration equipment or the height of nearby buildings.

Note Only: Regarding the fence, it should be “solid (non-open)” to prevent liquid or vapors from passing through it. A chain link fence should not be valid.

Chapter 8. Hydrocarbon Refrigeration Equipment

8.8.1 Design Requirements.

~~Where a secondary fluid is used,~~ t The following is required for the secondary fluid circuit:

8.8.1.1 The use of a closed expansion tank is required for sensible energy change fluids.

- 8.8.1.2 When an air separator is used in the secondary fluid circuit, the discharge shall be ~~into the machinery room or~~ to the outdoors.
- 8.8.1.3 *A means shall be used to detect a refrigerant leak into the secondary fluid system and an alarm activated or a notification sent to a monitored location. ~~comprising accumulation of pressure in excess of the normal operating pressure in the circuit or detection of refrigerant accumulating within the circuit.~~
- 8.8.1.4 ~~For non-industrial occupancies, a double indirect system shall be used.~~ *The discharge from pressure relief devices providing overpressure protection for the secondary fluid circuit shall discharge to a suitable location outdoors.

Note Only: Regarding the added asterisks (*'s), see (Informative) Appendix A below for the added corresponding explanations in Sections A.8.8.1.3 and A.8.8.1.4.

Chapter 19. Pre-Charging Activities and Requirements

19.7 Electrical System Inspections and Verification

- 19.7.5 Open drive compressor motors shall be mechanically disconnected from the ~~equipment~~ compressor and checked for correct direction of rotation.

(Informative) Appendix A:

A.8.8.1.3 A means used to detect a refrigerant leak into the secondary fluid system could be done by sensing pressure in excess of the normal operating pressure or the use of a hydrocarbon sensor or sensors.

A.8.8.1.4 A suitable location to the outdoors will not cause a nuisance to personal or equipment and not result in an environmental risk or hazard.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

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

NSF International Standard/ American National Standard –

NSF/ANSI 12 Automatic Ice Making Equipment

-

5 Design and construction

-

5.15 Openings into food zones

~~5.15.2 Ice bin openings subject to potential contamination from overhead drink dispensers or water stations shall be protected by a self-closing door, dispensing head lockout, or operational shield.~~

Rationale: Redundant requirement (see 5.23.2)

-

5.23 Ice pans and bins

5.23.2 A door or cover shall be required to protect any openings. ~~A cover meeting the requirements of Section 5.13 shall be required.~~

5.23.2.1 When top openings into ice pans and bins are subject to overhead contamination from drink dispensers or water stations, they shall be protected during use and holding. Self-closing doors, operational shields, or dispensing head lockouts shall be considered as meeting this requirement.

Rationale: Added in clarification that doors can be used in addition to covers. Removing reference to Section 5.13 as items covered by the standard must meet requirements in respective sections regardless of whether this is specified or not. Separated the 2nd part of the requirement so it is clear that this is additional to (not instead of) the mandated door or cover.

BSR/UL 746C, Standard for Safety for Polymeric Materials – Use in Electrical Equipment Evaluations

1. Addition of Footnote “a” to the Title of the Column in Table 25.1 for Ultra-violet radiation

PROPOSAL

Table 25.1
Minimum property retention limitations after ultraviolet radiation (includes both UVA/UVB and UVC) and water immersion conditioning

Property	Ultra-violet radiation ^{a, b}	Water immersion ^c
Flammability Classification	Not be reduced	Not be reduced
Tensile or Flexural Strength ^{d, f}	70 Percent	50 Percent
Tensile, Izod or Charpy Impact ^{d, f}	70 Percent	50 Percent
Tensile Strength and Elongation ^{e, f}	70 Percent	50 Percent
^a 1000 hours UVA/UVB exposure, see 57.1.1 – 57.2.5. ^b 500 hours UVC exposure, see 57A 1.1 – 57A 2.5. ^c 7 days at 70°C. See 58.1. ^d For functional support, the test methods are tensile strength and flexural strength. For Impact Resistance the test methods are Tensile, Izod, or Charpy impact. See Table 57.1. ^e Alternate testing per 25.3 and 26.1.3 for deformation resistance, the test method is tensile strength and elongation. ^f The same test method shall be chosen for all exposures (both UV and Water exposure evaluations, as applicable) and for all colors evaluated.		

2. Addition of the Equivalent English Value of 12 mm Provided in the Titles of Sections 15 and 50

PROPOSAL

15 Flammability – 12 mm (1/2-inch) Flame

50 Flammability – 12 mm (1/2-inch) Flame

BSR/UL 1254, Standard for Safety for Pre-Engineered and Engineered Dry and Pre-Engineered Wet Chemical Extinguishing System Units

1. Update to language in 6.1

PROPOSAL

6.1 After discharge of the extinguishing agent is initiated, an extinguishing system unit shall continue to ~~discharge~~ ~~maintain the release of~~ extinguishing agent without requiring an additional manual action and shall provide sufficient agent application throughout the required discharge period to achieve the intended extinguishing performance.

ULSE Inc. copyrighted material. Not authorized for further reproduction without permission from ULSE Inc.

BSR 108 / UL 2941, Standard for Safety for Safety for Cybersecurity of Distributed Energy and Inverter-Based Resources

1. Clarification of requirement 6.3.1

PROPOSAL

6 Cryptography

6.3 Basic conditional requirements

6.3.1 ~~The EUT shall implement networking key rotation within defined intervals, ensuring that no networking key remains in use for a period exceeding three years. If the EUT employs long-lived cryptographic keys for network protocols (e.g., SSH host keys, private keys associated with TLS certificates used for TLS, FTPS, or LDAPS), the EUT shall implement key rotation. IEEE 2030.5/CSIP certificate ecosystems are exempt from this requirement since their certificates do not expire.~~

NOTE: Key rotation is the process of creating new encryption keys to replace existing keys. For more information, see NIST IR 7966.

2. Inclusion of cyber security AI agents

PROPOSAL

2 Referenced Publications

UL 3115, *Outline of Investigation for Safety of AI-Based Products*

3 Terms, Definitions and Abbreviations

3.2 Definitions

AI COMPONENT – Functional element that constructs an AI system.

[SOURCE: ©ISO. This material is from ISO/IEC 22989:2022 with permission of the American National Standards Institute (ANSI) on behalf of the International Organization for Standardization. All rights reserved]

8 Security Management

8.4 Advanced requirements

8.4.3 In the presence of an AI Component, the EUT shall be evaluated against the relevant sections of UL 3115.

3. Definition of an offline environment

PROPOSAL

12 Equipment Management

12.2 Basic requirements

12.2.4 The EUT shall support installing updates in an offline environment. The offline EUT update mode shall support verification of authenticity and integrity allow installation of updates in a fully offline local environment, with no external network connectivity. The EUT shall be capable of verifying the authenticity and integrity of the update packages using only local mechanisms, without relying on any remote servers.

4.Update to move section 10.2.2 to Section 8

PROPOSAL

8 Security Management

8.2 Basic requirements

8.2.8 The vendor shall ensure the EUT has a default secure pre-commissioning configuration sufficient for protecting the device during transit and storage.

10 Documentation

10.2 Basic requirements

10.2.1 The vendor shall provide the following documentation:

- a) A description of all design functions, security functions, and management functions provided by the EUT; and
- b) A list of all external interfaces or physical inputs or outputs of the EUT in its intended configuration, where applicable, including:
 - 1) All remote interfaces;
 - 2) All local interfaces including EUT local internal interfaces such as JTAG and serial ports; and
 - 3) All communication protocols supported on each of these interfaces.

~~10.2.2 The vendor shall ensure the EUT has a default secure pre-commissioning configuration sufficient for protecting the device during transit and storage.~~