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CONTENTS

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Project Initiation Notification System (PINS)

Section 2.5.1 of the *ANSI Essential Requirements* (www.ansi.org/essentialrequirements) describes the Project Initiation Notification System (PINS) and includes requirements associated with a PINS Deliberation. Following is a list of PINS notices submitted for publication in this issue of ANSI Standards Action by ANSI-Accredited Standards Developers (ASDs). Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for information about American National Standards (ANS) maintained under the continuous maintenance option, as a PINS to initiate a revision of such standards is not required. Use 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.

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 019-202x, Standard for the Practice of Wildlife Forensic Laboratories (revision of ANSI/ASB Std 019 -2019)

Stakeholders: Wildlife/animal (non-human) forensic science practitioners, academia, and legal entities seeking to establish an analytical laboratory for forensic science casework.

Project Need: This document provides overview and recommendations for the functional areas and casework needs for a functional analytical laboratory serving wildlife/animal legal casework.

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

This standard provides requirements and recommendations for wildlife forensic laboratories, including laboratory practices, evidence handling, and a broad outline for analyst training as well as considerations of taxonomy and reference collections that are specific to wildlife forensic science. This document does not include specific training plans for analysts in various subdisciplines. This document is not intended to replace requirements in additional forensic laboratory standards, but is instead designed to guide laboratories which are working toward meeting those requirements.

API (American Petroleum Institute)

Diana Escudero <EscuderoD@api.org> | 200 Massachusetts Avenue NW | Washington, DC 20001 www.api.org

Reaffirmation

BSR/API MPMS Chapter 9.4, 2nd edition (R202x), Continuous Density Measurement Under Dynamic (flowing) conditions (reaffirmation of ANSI/API MPMS Chapter 9.4, 1st edition (R2026))
Stakeholders: Petrochemical producers, petrochemical suppliers, petrochemical purchasers, petrochemical service suppliers, petrochemical measurement device manufacturers and purchasers, petrochemical pipeline, terminal and facility operators

Project Need: The density meter plays a crucial role in continuously measuring density under flowing conditions for accurate quantity calculations. Real-time density accuracy is particularly vital for determining mass in light hydrocarbon measurements, including natural gas liquids (NGL), liquefied petroleum gas (LPG), and midrange fluids. There is a growing demand to continuously measure density under flowing conditions for both refined products and crude oils, contributing to precise quantity determination. There is a need to update the standard and include new density meter research data.

Interest Categories: General interest, manufacturer-service suppliers, operators

This standard covers the continuous on-line determination and application of flowing liquid densities for custody transfer. This standard covers liquid and dense phase fluids, including: natural gas liquids, refined products, chemicals, crude oil, and other liquid products commonly encountered in the petroleum industry. This document does not apply to the density measurement of natural gas, LNG, multiphase mixtures, semi-solid liquids such as asphalt, and solids such as coke and slurries. This standard also provides criteria and procedures for designing, installing, operating, and proving continuous on-line density measurement systems for custody transfer. This standard also discusses the different levels and requirements of accuracy for various applications.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.100-187-2021 (R202x), Electronic Exchange of Check and Image Data - Domestic (reaffirmation of ANSI X9.100 -187-2021)
Stakeholders: financial services industry

Project Need: With the change to Reg CC in July 2018, language used in the standard published in 2016 needs to be updated to reduce confusion. Making changes to the 25 record, field 15 (Archive Type) could provide additional tracking/information on the check payment while not requiring changes to systems.

Interest Categories: Consumer, Producer, General Interest

The purpose of this standard is to provide the financial industry with a format necessary to perform electronic check exchange (ECE), with or without images. The format supports forward presentment, posting, return notification, and return requests, as well as existing customer information reporting products. The standard also supports multiple check clearing alternatives, e.g., bank-to-bank, bank-to-switch.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.100-160-1-2021 (R202x), Magnetic Ink Printing (MICR) Part 1: Placement and Location (reaffirmation of ANSI X9.100-160-1-2021)
Stakeholders: Entities that print, test, and read MICR characters.

Project Need: This standard specifies the check sizes and the printing format for the various fields contained on the check.

Interest Categories: Consumer, Producer, General Interest

Part 1 of this standard covers only design considerations that apply to placement and location of magnetic ink printing on checks, drafts, and other documents intended for automated processing among depository institutions. Other types of documents such as internal control forms are not covered. A complete understanding of MICR printing requires reference to other standards and technical guidelines listed in Clause 2.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.129-2020 (R202x), Legal Orders Exchange, Version 3 (reaffirmation of ANSI X9.129-2020)
Stakeholders: Federal, State and Local governments who send legal order requests to the bank, and other banks who process and fulfill the legal orders

Project Need: There is a growing volume of requests due to overall increases in regulatory and legal environment. Standards in this area will bring about the following benefits educed errors, improved quality of the process and resulting outputs, improved tracking and management of service levels, reduced operational costs, improved records management, and improve time to fulfill quicker results to the requester.

Interest Categories: Consumer, Producer, General Interest

In today's environment legal orders are generated in a large number of formats by a variety of different government agencies. These documents are then mailed to the bank for processing. When the bank receives the requests (mail, fax, spreadsheet) the process for fulfilling them is highly manual, which is time consuming and can be prone to errors, and there are limited areas where automation is applied. In most cases, the basic types of information, required for processing, are the same across the different request types. By creating a set of standards for electronic file formats for the different request types, benefits will be realized by both the requester and the receiver through automation of the process.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK99631-202x, New Guide for Assessing Physical Characteristics and Using Light Microscopy in Forensic Tape Examinations (new standard)
Stakeholders: Trace Industry

Project Need: This guide outlines techniques and procedures intended for forensic science practitioners (FSP) who perform physical examinations and comparisons of pressure-sensitive adhesive (PSA) tapes. Its aims is to provide a description of the techniques used to evaluate the physical and optical characteristics of tape evidence.

Interest Categories: Producer, User, General Interest, Consumer

This guide outlines techniques and procedures intended for forensic science practitioners (FSP) who perform physical examinations and comparisons of pressure-sensitive adhesive (PSA) tapes. Its aims is to provide a description of the techniques used to evaluate the physical and optical characteristics of tape evidence.

LIA (Z136 SDC) (The Laser Institute)

Liliana Caldero <lcaldero@lia.org> | 12001 Research Parkway, Suite 210 | Orlando, FL 32828 www.laserinstitute.org

Revision

BSR Z136.7-202x, Testing and Labeling of Laser Protective Equipment (revision of ANSI Z136.7-2025)
Stakeholders: All laser users, with particular relevance to Class 3B and Class 4 users; DoD (military); medical device and protective eyewear manufacturers; laboratories; health physicists; and safety engineers.

Project Need: To keep the document current and address new areas of concern, including emerging laser technology protective requirements such as broad-spectrum laser sources, ultrafast laser systems, and high-power systems not previously addressed; with continued refinement of testing protocols, methodology definitions, and data supporting known damage thresholds as a function of laser source parameters.

Interest Categories: Academia, Department of Defense (DoD), Distributor/Retailer, Government (non-DoD), Government Contractor, Health Care, Industrial/Commerce, Manufacturer, Test Laboratory/Facility

This standard provides recommendations for the testing requirements and labeling of protective equipment (devices) designed for use with lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Revision

BSR ICEA S-120-742-202x, Standard for Hybrid Optical Fiber and Power Cable for Use in Power-Limited and Fault Managed Power Systems (revision of ANSI ICEA S-120-742-2021)
Stakeholders: Utility, producers, and parties interested in insulated cable.

Project Need: Introduce new product requirements

Interest Categories: Producers, Users and General Interests

This standard establishes performance requirements for hybrid copperâ€“fiber communications cables used in buildings or for short external runs, supporting both data transmission and the delivery of limited or fault-managed power. Optical fiber is used for communications, while copper conductors support either power-limited applications per NEC Articles 725 and 800 or fault-managed power systems in accordance with Articles 722 and 726. The standard defines conductor ranges, voltage and power limits, as well as materials, construction, and testing requirements. It applies to cables installed in exposed or concealed environments and used under typical communications system conditions. Referenced standards include ICEA, UL 13, and UL 1400-2, and the document is primarily aligned with Distributed Antenna Systems and Class 4 power applications, while remaining applicable to other NEC-defined hybrid cable use cases.

OPEI (Outdoor Power Equipment Institute)

Daniel Mustico <dmustico@opei.org> | 1605 King Street | Alexandria, VA 22314 www.opei.org

National Adoption

BSR/OPEI 8437-202x, Snow throwers - Safety requirements and test procedures (identical national adoption of ISO 8437-1:2019, ISO 8437-1:2019/Amd 1:2026; ISO 8437-2:2019, ISO 8437-2:2019/Amd 1:2026; ISO 8437-3:2019, ISO 8437-3:2019/Amd 1:2026; ISO 8437-4:2019, ISO 8437-4:2019/Amd 1:2026)
Stakeholders: Manufacturers, suppliers, consumers, government.

Project Need: To maintain current and state-of-the-art voluntary safety standards for use in North America and harmonized with international requirements.

Interest Categories: OEM Producer, Supplier Producer, Consumer User, Retailer, Testing Organization, Government Agency, General Interest

This proposed standard is an identical national adoption combining current ISO standards for combustion-engine-powered snow throwers, including in four sections ISO 8437-1 (terminology and common tests), ISO 8437-2 (pedestrian-controlled), ISO 8437-3 (ride-on), and ISO 8437-4 (additional national and regional requirements). This standard deals with significant hazards, hazardous situations, and events relevant to snow throwers used as intended and under the conditions reasonably foreseeable by the manufacturer.

WIA (ASC O1) (Wood Industry Association)

Allison Forsythe <allison@woodindustry.org> | 2331 Rock Spring Road | Forest Hill, MD 21050 www.woodindustry.org

New Standard

BSR O1.1-5-202x, Safety Requirements for Straight-Line Rip Saws (new standard)
Stakeholders: Woodworking machinery and accessory equipment manufacturers and users

Project Need: This project will address the specific safety requirements for the design, installation, care and use of single blade, straight-line rip saws and certain related accessory equipment, used in industrial and commercial applications, having a total connected power of 5 hp (3.7 KW) or greater, or having 3-phase wiring.

Interest Categories: Manufacturers, Users/Industrial/Commercial, Importer/Distributor/Retailer, Safety Professional, Government Agency, Insurance, Labor, Testing Laboratory, Integrator, Student, Other

This standard covers the safety requirements for the design, installation, care and use of single blade, straight-line rip saws and certain related accessory equipment, used in industrial and commercial applications, having a total connected power of 5 hp (3.7 KW) or greater, or having 3-phase wiring.

Call for Comment on Standards Proposals

American National Standards

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section (s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. e-mail: psa@ansi.org
* Standard for consumer products

Comment Deadline: July 26, 2026

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

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

Addenda

BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 55-2023, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2023)
This proposed addendum proposes an addition to the thermal comfort questions in Informative Appendix L, which addresses measurements, surveys, and the evaluation of comfort in existing spaces (Parts 1 and 2), by adding a question on thermal disposition.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 55-2023, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2023)
This proposed addendum replaces a response-rate based rule with a statistically grounded requirement for the minimum sample size needed to evaluate thermal comfort in existing buildings. The previous approach relied on a rule of thumb and, in buildings with large occupant populations, often required an unnecessarily large number of responses. The revised text defines the minimum number of responses using a standard sample size formula, providing a clear and well established statistical basis for determining the required number of survey responses.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: July 26, 2026

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

Addenda

BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 72-2022, Method of Testing Open and Closed Commercial Refrigerators and Freezers (addenda to ANSI/ASHRAE Standard 72-2022)
This proposed addendum adds test method requirements for refrigerators operating with R-744 as the refrigerant in a direct-expansion configuration. It also adds two definitions associated with this proposed addition.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

Addenda

BSR/ASHRAE/IES Addendum f to ANSI/ASHRAE/IES Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2025)
The envelope backstop in ECB (Chapter 12) and PRM (Appendix G) specifies the use of Appendix C rules for performing trade-off calculations. Appendix C requires the proposed design model geometry and zoning to be modified for the backstop calculation. This addendum creates an option for modelers allowing the proposed design geometry and zoning that were created for demonstrating compliance with ECB or Appendix G to also be used for the envelope backstop calculation. This addendum modifies the performance path sections in the standard and is not subject to cost-effectiveness.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

Addenda

BSR/ASHRAE/IES Addendum h to ANSI/ASHRAE/IES Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2025)
Addendum AE to the ASHRAE 90.1-2022 standard made a mistake in the COP25 efficiency valve for Split-Systems and Single-Package air-source HP air conditioners for the capacity range of ≥135,000 Btu/h and <240,000 Btu/h and the equivalent metric valves for Electric resistance (or none) and all other including dual fuel heat pumps was listed as 1.52 and should be 1.56 for both the IP and SI tables. The same mistake was made for HP Condensing units air-source for the capacity range of ≥135,000 Btu/h and <240,000 Btu/h and the equivalent metric valves was listed as 1.52 and should be 1.56 for both the IP and SI tables. This was a typo made when developing the new tables and has no impact on cost.

Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: July 26, 2026

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

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

Addenda

BSR/ASHRAE/IES Addendum j to ANSI/ASHRAE/IES Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2025)
This Addendum updates section 8.4.2 to provide greater clarity for branch circuits designated to control electrical receptacles and resolve earlier public comments received during the first public review of the ASHRAE/IES 90.1 -2022 Addendum dg. The addendum also addresses official interpretation requests regarding the terminology and definition of "workstation" and its applicability to the list of spaces required to install automatic receptacle controls. To be more compatible with the changing nature of office furnishings, the word "workstation" has been replaced with "furniture with receptacles". Additionally, control of receptacles within office furniture is clarified to apply only to offices greater than 300 square feet (28 square meters).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 50-202x (i224r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2025a)
This standard covers materials, chemicals, components, products, equipment, and systems related to public and residential recreational water facility operation.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: ajump@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-3-202x (i47r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)
The principles outlined in this standard provide a comprehensive basis for the quality management system used in the manufacture of cosmetics. Implementation of these principles shall result in the achievement of three main objectives: achieve dietary supplement realization, establish and maintain a state of control, and facilitate continual improvement.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-3-202x (i50r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)
The principles outlined in this standard provide a comprehensive basis for the quality management system used in the manufacture of cosmetics. Implementation of these principles shall result in the achievement of three main objectives: achieve dietary supplement realization, establish and maintain a state of control, and facilitate continual improvement.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

Comment Deadline: July 26, 2026

NSF (NSF International)

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

Revision

BSR/NSF/CAN 61-202x (i206r1), 61-20XX: Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 2025a)
This standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: ajump@nsf.org

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 3300-202x, Standard for Safety for Service, Communication, Information, Education and Entertainment Robots - SCIEE Robots (revision of ANSI/UL 3300-2025)
The following are being recirculated for your review: 1. Clarification of ambient light conditions to use during testing (7.2.2.1) 4. Modifications to clarify definition of “wet locations” and applicability of Exposure to moisture test (7.4.10), additional requirements for robots subjected to liquids via cleaning and wiping, and additional considerations for conditions that could cause sensor occlusion/blockage 5. Additional requirements to address operation of SCIEE robots using remote controllers and pendants 7. Additional manufacturer verification and validation test cases to account for variations in obstacle shapes and colors, traveling around humans, and robots employing AI in safety functions
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 | Doreen.Stocker@ul.org, https://ulse.org/

Revision

BSR/UL 62841-2-14-202x, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-14: Particular Requirements for Hand-Held Planers (revision of ANSI/UL 62841-2-14-2016 (R2022))
Proposed adoption of Amendment 1 of the First Edition of IEC 62841-2-14:2015, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-14: Particular requirement for hand-held planers, as a revision of the First Edition of UL 62841-2-14.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: August 10, 2026

AGMA (American Gear Manufacturers Association)

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

Revision

BSR/AGMA 9013-Axx, Flexible Couplings - Potential Unbalance and Mass Elastic Properties (revision, redesignation and consolidation of ANSI/AGMA 9000-D11 & ANSI/AGMA 9004-B08 ,)
This standard describes potential coupling unbalance and identifies its sources. It also provides information and calculation methods related to mass elastic properties of flexible couplings.
Single copy price: $230.00
Obtain an electronic copy from: tech@motionpower.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@motionpower.org

AGMA (American Gear Manufacturers Association)

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

Revision

BSR/AGMA 9113-Axx, Flexible Couplings - Potential Unbalance and Mass Elastic Properties (Metric Edition) (revision, redesignation and consolidation of ANSI/AGMA 9104-A06 & ANSI/AGMA 9110-A11)
This standard describes potential coupling unbalance and identifies its sources. It also provides information and calculation methods related to mass elastic properties of flexible couplings.
Single copy price: $230.00
Obtain an electronic copy from: tech@motionpower.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@motionpower.org

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 15.4-2016 (R202x), Selection and Training of Personnel for Research Reactors (reaffirmation of ANSI/ANS 15.4-2016 (R2021))
This standard sets the qualification, training, and certification criteria for operations personnel at research reactors and establishes the elements of a program for periodic re-qualification and re-certification. The standard is predicated on levels of responsibility rather than on a particular organizational concept.
Single copy price: $119.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

ANS (American Nuclear Society)

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

Revision

BSR/ANS 8.22-202x, Nuclear Criticality Safety Based on Limiting and Controlling Moderators (revision of ANSI/ANS 8.22-1997 (R2021))
This standard provides criteria for limiting and controlling moderators in operations with fissile materials. This standard applies to those operations that depend on moderator control for maintaining subcritical conditions. This standard does not apply to concentration control of fissile materials.
Single copy price: $62.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 10, 2026

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

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

New Standard

BSR/APCO 1.110.2-202x, Multi-Functional Multi-Discipline Computer Aided Dispatch (CAD) Minimum Functional Requirements (new standard)
This standard provides a detailed, comprehensive , and unified list of functional requirements for CAD systems that may be used by emergency communications centers (ECC) to assist with the Request for Proposal (RFP) Process. Each CAD function will be identified along with a visual flag to indicate what service(s) (law enforcement, fire, EMS) the function applies to. Sample requirements for each function will be provided and can be incorporated in an RFP when a pubic safety communications center has a need to conduct a solicitation for a new CAD system.
Single copy price: Free
Obtain an electronic copy from: standards@apcointl.org
Send comments (copy psa@ansi.org) to: Same

APTech (ASC CGATS) (Association for Print Technologies)

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

Reaffirmation

BSR CGATS.4-2021 (R202x), Graphic technology - Graphic arts reflection densitometry measurements - Terminology, equations, image elements and procedures (reaffirmation of ANSI CGATS.4-2021)
This standard defines terms, equations and procedures for measurement, use, and communication of data obtained using reflection densitometry in the graphic arts. Graphic arts includes, but is not limited to, the preparation of material for, and volume production by, production printing processes, which include offset lithography, letterpress, flexography, gravure, and screen printing. This standard also applies to measurement of materials produced by systems such as photographic, ink jet, thermal transfer, electrophotographic, and toner technology (including off-press proofs), etc., when used for graphic arts applications.
Single copy price: $18.00
Obtain an electronic copy from: standards@aptech.org
Send comments (copy psa@ansi.org) to: standards@aptech.org

Comment Deadline: August 10, 2026

APTech (ASC CGATS) (Association for Print Technologies)

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

Reaffirmation

BSR CGATS-22 (R202x), Graphic technology - Spectral reflection metrology - Certified reference materials - Documentation and procedures for use, including determination of combined standard uncertainty (reaffirmation of ANSI CGATS.22-2022)
This document specifies the documentation requirements for certified reference materials (CRMs), the procedures for the use of CRMs, and the procedures for the computation and reporting of combined standard uncertainty, as applicable to the calibration, standardization, performance characterization and verification, and routine use of instruments for the measurements of spectral reflectance, transmittance and radiance as used in the graphic arts, photographic, and other image reproduction processes. Applicable measurement systems include, but are not restricted to, spectrodensitometers, spectrocolorimeters, spectrophotometers and spectroradiometers. This document references and draws upon the appropriate CIE, ISO and IEC guides in developing requirements and procedures specific to the needs of the graphic arts and other image reproduction processes. This document is not applicable to measurement results that do not follow a statistically Normal distribution, but some provisions may be applied by analogy. Nor is the document applicable to instrumentation for the measurement of regular reflection (gloss, haze, DOI) or for the measurement of spectral regular transmission (solution spectrophotometry).
Single copy price: $69.00
Obtain an electronic copy from: standards@aptech.org
Send comments (copy psa@ansi.org) to: Adam Dewitz <standards@aptech.org>

APTech (ASC CGATS) (Association for Print Technologies)

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

Reaffirmation

BSR/CGATS 21-2-2021 (R202x), Graphic technology - Printing from digital data across multiple technologies - Part 2: Reference characterization data-2020 (reaffirmation of ANSI/CGATS 21-2-2021)
This part of CGATS specifies a limited number of characterized reference printing conditions that span the expected range of color gamuts used for the production of printed material from digital data, regardless of printing process used.
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ASABE (American Society of Agricultural and Biological Engineers)

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

Revision

BSR/ASABE S640.1 MONYEAR-202x, Quantities and Units of Electromagnetic Radiation for Plants (Photosynthetic Organisms) (revision of ANSI/ASABE S640 JUL2017 (R2022))
This document provides definitions and descriptions of metrics used for radiation measurements for plant (photosynthetic organisms) growth and development. This document does not cover display aspects and human visualization
Single copy price: Free
Obtain an electronic copy from: wall@asabe.org
Send comments (copy psa@ansi.org) to: Walter Brace <wall@asabe.org>

Comment Deadline: August 10, 2026

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

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

Addenda

BSR/ASHRAE/IES Addendum d to ANSI/ASHRAE/IES Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2025)
This is an addendum moving the graphics and related text about daylighted areas from Section 3 (definitions) to Section 9 within the Standard without any change in technical requirements. As an addendum only moving material with no change in requirements, no cost analysis was necessary.
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AWS (American Welding Society)

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

Revision

BSR/AWS A5.1/A5.1M-202x, Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.1/A5.1M-2025)
This specification prescribes the requirements for classification of carbon steel covered electrodes used for shielded metal arc welding. The requirements include chemical composition and mechanical properties of weld metal, weld metal soundness, usability tests of electrodes, and moisture tests of the low-hydrogen electrode covering. Requirements for standard sizes and lengths, marking, manufacturing, and packaging are also included. Optional supplemental requirements include tests for improved toughness and ductility, lower absorbed moisture in the electrode covering, and for diffusible hydrogen in the weld metal. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.
Single copy price: $34 member / $46 non-member
Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Kevin Bulger <kbulger@aws.org>

AWS (American Welding Society)

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Revision

BSR/AWS A5.5/A5.5M-202x, Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.5/A5.5M-2022)
This specification prescribes the requirements for classification of low-alloy steel covered electrodes used for shielded metal arc welding. The requirements include chemical composition and mechanical properties of weld metal, weld metal soundness, usability tests of electrodes, and moisture tests of the low-hydrogen electrode covering. Requirements for standard sizes and lengths, marking, manufacturing, and packaging are also included. Optional supplemental requirements include tests for absorbed moisture in the electrode covering and for diffusible hydrogen in the weld metal. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.
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Obtain an electronic copy from: kbulger@aws.org
Send comments (copy psa@ansi.org) to: Kevin Bulger <kbulger@aws.org>

Comment Deadline: August 10, 2026

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6045-202x, Multimedia systems and equipment for vehicles - Surround view system - Part 4: Application for camera monitor systems IEC 63033-4:2022 (identical national adoption of IEC 63033-4:2022)
IEC 63033-4:2022 specifies which composite images generated from the multiple cameras of the surround view system specified in IEC 63033-1 comprise the FOV, and which display requirements specified in UN Regulation No. 46 apply.
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CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6046-202x, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info IEC 61937-2:2021 (identical national adoption of IEC 61937-2:2021)
IEC 61937-2:2021 specifies the digital audio interface to convey non-linear PCM encoded audio bitstreams applying IEC 60958-1 and IEC 60958-3. This document specifies burst-info, which defines content information about the data contained in the burst-payload. IEC 61937-2:2021 cancels and replaces the second edition published in 2007, Amendment 1:2011 and Amendment 2:2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) new audio data-types of MPEG-D USAC, ACX, ACX HBR2, ACX HBR4 and ACX HBR8 have been added; b) extended data-type field in Pe has been activated.
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1919 South Eads Street, Arlington, VA 22202 | KHaresign@cta.tech, www.cta.tech

National Adoption

BSR/CTA 6047-202x, Event video data recorder for road vehicle accidents - Part 2: Test methods for evaluating the performance of basic functions IEC 63005-2:2019 (identical national adoption of IEC 63005-2:2019)
IEC 63005-2:2019 describes test methods on evaluating performance of basic functionalities of EVDR described in IEC 63005-1.
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Comment Deadline: August 10, 2026

CTA (Consumer Technology Association)

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

National Adoption

BSR/CTA 6048-202x, Guideline for synchronization of audio and video - Part 2: Methods for synchronization of audio and video systems IEC TS 62312-2:2018 (identical national adoption of IEC TS 62312-2:2018)
IEC TS 62312-2:2018 gives guidelines for methods of synchronization of audio and video. It describes the system model and general methods for the synchronization of audio and video. The methods exclude the synchronization of the signal source and the spatial delay of audio reproduction. IEC TS 62312-2:2018 cancels and replaces the first edition published in 2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) fingerprint is newly introduced; b) addition of the synchronization information from fingerprint (SMPTE spec.); c) addition of the method for using the above information.
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National Adoption

BSR/CTA 6049-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 1: Modulation characteristics and basebandcoding IEC62106-1:2018 (identical national adoption of IEC62106-1:2018)
IEC 62106-1:2018 defines the basic layer of the Radio Data System (RDS) intended for application to VHF/FM sound broadcasts in the range 64,0 MHz to 108,0 MHz, which can carry either stereophonic (pilot-tone system) or monophonic programmes (as stated in ITU-R Recommendation BS.450-3 and ITU-R Recommendation BS.643-3). IEC 62106-1:2018 together with IEC 62106-2, IEC 62106-3, IEC 62106-4, IEC 62106-5 and IEC 62106-6, cancels and replaces IEC 62106:2015, and constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 62106:2015: • Provision has been made to carry RDS on multiple data-streams (RDS2).
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Send comments (copy psa@ansi.org) to: standards@cta.tech

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CTA (Consumer Technology Association)

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National Adoption

BSR/CTA 6050-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 3: Usage and registration of Open Data Applications (ODAs)IEC 62106-3:2018 (identical national adoption of IEC 62106-3:2018)
IEC 62106-3:2018 defines the Open Data Application (ODA) feature of the Radio Data System (RDS). The ODA feature in essence allows raw data to be transmitted via a transparent data channel from a service provider to a suitably equipped receiver without there being any prior knowledge of the data content by the IEC 62106 standard. This document defines the method of packaging the data within the RDS group structure and the identification of the data (using the Application Identification, AID) such that it can be addressed by an appropriate decoder on the receiver. IEC 62106-3:2018 together with IEC 62106-1, IEC 62106-2, IEC 62106-4, IEC 62106-5 and IEC 62106-6, cancels and replaces IEC 62106:2015, and constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 62106:2015: • Provision has been made to carry RDS on multiple data-streams (RDS2). • For Open Data Applications, in addition to the already existing 37-bit and 21-bit data group structures a new 56-bit or 7-byte data group structure has been added. • New are AF coding below 87,6 MHz (down to 64,1 MHz) using ODA-AID. RT+ can now be used with RT and eRT, 0x6365, see IEC 62106-6.
Single copy price: Free
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CTA (Consumer Technology Association)

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National Adoption

BSR/CTA 6051-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 4: Registered code tables IEC 62106-4:2018 (identical national adoption of IEC 62106 -4:2018)
IEC 62106-4:2018 provides a number of tables for use in the implementation of the RDS system. This document specifies the procedure for registering a new value in an existing table or the registration of a new table. IEC 62106-4:2018 together with IEC 62106-1, IEC 62106-2, IEC 62106-3, IEC 62106-5 and IEC 62106-6, cancels and replaces IEC 62106:2015, and constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 62106:2015: • Provision has been made to carry RDS on multiple data-streams (RDS2). • The country identification table has been updated by adding some countries. • Translated PTY terms for 20 languages have been added.
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National Adoption

BSR/CTA 6052-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 5: Marking of RDS receiver devices IEC 62106-5:2018 (identical national adoption of IEC 62106-5:2018)
IEC 62106-5:2018 defines receiver profiles and criteria that can be used for marking RDS receiver devices. IEC 62106-5:2018 together with IEC 62106-1, IEC 62106-2, IEC 62106-3, IEC 62106-4 and IEC 62106-6, cancels and replaces IEC 62106:2015, and constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 62106:2015: • provision has been made to carry RDS on multiple data-streams (RDS2); • a logo for RDS2 has been added, • new are receiver profiles, conformity requirements, certification and compliance test.
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CTA (Consumer Technology Association)

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National Adoption

BSR/CTA 6053-202x, Sound system equipment - Part 4: Microphones IEC 60268-4:2018 (identical national adoption of IEC 60268-4:2018)
IEC 60268-4:2018 specifies methods of measurement for the electrical impedance, sensitivity, directional response pattern, dynamic range and external influences of sound system microphones, and details the characteristics to be specified by the manufacturer. It applies to sound system microphones for all applications for speech and music. It does not apply to measurement microphones, but it does apply to each audio channel of microphones having more than one channel, for example for stereo or similar use. It is applicable to flush-mounted microphones and to the analogue characteristics of microphones with digital audio output. For the purposes of this International Standard, a microphone includes all such devices as transformers, pre-amplifiers, or other elements that form an integral part of the microphone, up to the output terminals specified by the manufacturer. The major characteristics of a microphone are considered in Clauses 6 to 21. Additional characteristics are considered in Annex A and Annex C. It cancels and replaces the fifth edition published in 2014. This edition constitutes a technical revision and includes the following significant technical changes with respect to the previous edition: a) subclause 19.4 on "pop" measurement replaces Annex C; b) new Annex D for noise measurements in the digital domain.

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National Adoption

BSR/CTA 6054-202x, Sound system equipment - Part 3: Amplifiers IEC 60268-3:2018 (identical national adoption of IEC 60268-3:2018)
IEC 60268-3:2018 applies to analogue amplifiers, and the analogue parts of analogue/digital amplifiers, which form part of a sound system for professional or household applications. It specifies the characteristics that should be included in specifications of amplifiers and the corresponding methods of measurement. This part of IEC 60268 shall be used in conjunction with IEC 60268-1:1985 and IEC 60268 2:1987. This fifth edition cancels and replaces the fourth edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) rated condition of digital input is newly specified; b) tolerance of rated power supply is changed; c) maximum effective output power is appended to output characteristics list; d) "Terms, definitions and rated values" clause is complemented.

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National Adoption

BSR/CTA 6055-202x, Multimedia systems and equipment - Multimedia e-publishing and e-books - Generic format for e-publishing IEC 62448:2017 (identical national adoption of IEC 62448:2017)
IEC 62448:2017 specifies a generic format for multimedia e-publishing employed for e-book data interchange among data preparers and publishers, satisfying a number of publishers' requirements: revisable, extensible and heterogeneous logical structure. This fourth edition cancels and replaces the third edition, published in 2013 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) clarifying descriptions; b) deleting redundant statements; c) resolving mistakes and confusing terminologies.
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CTA (Consumer Technology Association)

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National Adoption

BSR/CTA 6056-202x, MicrospeakersIEC 63034:2020 (identical national adoption of IEC 63034:2020)
IEC 63034:2020 specifies the characteristics of microspeakers as well as the relevant test methods on microspeakers using steady-state sinusoidal signals, sinusoidal chirp, multi-tone or noise. The main characteristics include, but are not limited to, impedance, displacement, amplitude frequency response, distortion, and power handling.
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Comment Deadline: August 10, 2026

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

New Standard

BSR/EIA 364-76-202x, Analysis of Induced Outgassing Emissions from Composite Connectors in Thermal and/or Corona-Inciting Environments for Possible Toxicity (new standard)
This standard establishes a test procedure to determine the types of decomposition products released (outgas) from composite connectors during controlled laboratory tests designed to simulate high thermal stress and/or corona inducing conditions likely to be encountered in high-heat-zone, unusual atmospheres, high-altitude and space environments.
Single copy price: $78.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

New Standard

BSR/EIA 364-124-202x, De-Icer Compatibility Test Procedure for Electrical Connectors (new standard)
This standard establishes test methods to determine the ability of an electrical connector or connector assembly to resist degradation due to exposure to specific fluids with which the connector assembly may come into contact during its service life. This differs from EIA 364-10 in that its focus is the degradation caused by de-icing fluid . This test procedure is not applicable for Olive drab cadmium (OD Cd)[RD4.1][KR4.2] finishes because of known unacceptable degradation. See SAE AIR 7988.
Single copy price: $78.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 364-85 (R202x), General Test Procedure for Assessing Wear and Mechanical Damage Testing of Contact Finishes for Electrical Connectors (reaffirmation of ANSI/EIA 364-85-2014 (R2020))
The purpose of this procedure is to determin the presence of mechanical damage, wear through, and other gross defects in the contact finish.
Single copy price: $99.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Revision

BSR/EIA 364-53C-202x, Nitric Acid Vapor Test, Gold Finish Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-53B-2000 (R2021))
This standard establishes test methods to determine the magnitude of porosity as well as other surface defects inherent in application of gold contact finishes.
Single copy price: $87.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski

Comment Deadline: August 10, 2026

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Revision

BSR/EIA 364-69B-202x, Inductance Measurement Test Procedure for Electrical Connectors and Sockets (10 nH 100 nH) (revision and redesignation of ANSI/EIA 364-69A-2002 (R2020))
This procedure applies to electrical connectors and sockets with values in the range of 10 nanohenrys to 100 nanohenrys.
Single copy price: $81.00
Obtain an electronic copy from: store.accuristech.com
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ECIA (Electronic Components Industry Association)
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Revision

BSR/EIA 364-79A-202x, Insert Bond Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-79-2014 (R2020))
Application of this insert bond evaluation procedure is limited to qualification or periodic inspection testing and generally is a test group of its own. This standard provides a technique for evaluating the strength of a bond between one or more components; example - a grommet seal bonded to a connector insert. As defined in EIA -622, an electrical connector insert is the insulating element of a connector that supports and positions the contact(s).
Single copy price: $75.00
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Revision

BSR/EIA 364-93A-202x, Repeated Wire Connection and Disconnection Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (revision and redesignation of ANSI/EIA 364-93-2009 (R2020))
The object of this test procedure is to assess the ability of a reusable insulation displacement termination to withstand a specified number of connections and disconnections.
Single copy price: $70.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Revision

BSR/EIA 364-94A-202x, Transverse Extraction Force Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (revision and redesignation of ANSI/EIA 364-94-2009 (R2020))
The object of this test procedure is to determine the force necessary to remove the wire within the connection slot of an accessible insulation displacement termination along the longitudinal axis of the termination.
Single copy price: $75.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

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ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-97A-202x, Housing Panel Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-97-1997 (R2020))
This specification covers the test procedure for determining the mechanical retention of the panel locking feature housings when installed in panels.
Single copy price: $75.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-98A-202x, Housing Locking Mechanism Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-98-2009 (R2020))
This specification describes a test procedure for determining the mechanical retention strength of the locking retention features of mated plastic connector housings.
Single copy price: $70.00
Obtain an electronic copy from: store.accuristech.com
Send comments (copy psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

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

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Revision

BSR/ASSE/IAPMO Series 15000-202x, Professional Qualifications Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems (revision of ANSI/ASSE/IAPMO Series 15000-2024)
This standard establishes a minimum knowledge and performance criteria as it applies to the qualified individual who provides inspection, testing and maintenance for Water-Based Fire Protection Systems for compliance with installation, inspection, testing and maintenance standards.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: standards@iapmostandards.org

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

Revision

BSR/NETA MTS-202x, NETA Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA MTS-2023)
These specifications incorporate comprehensive field tests and inspections to assess the suitability for continued service, condition of maintenance, and reliability of electrical power distribution equipment and systems. The purpose of these specifications is to assure tested electrical equipment and systems are operational, are within applicable standards and manufacturer's tolerances, and are suitable for continued service.
Single copy price: $495.00
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Comment Deadline: August 10, 2026

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 212-202x, Cable Operator Energy Audit Framework and Establishment of Energy Baseline (revision of ANSI/SCTE 212-2020)
This document defines how cable operators should audit power consumption and accurately establish an energy baseline for inside and outside plant excluding any customer powered equipment.
Single copy price: Free
Obtain an electronic copy from: https://scte-prod.herokuapp.com/standards/library/catalog/scte-212-cable-operator-energy-audit-framework-and-establishment-of-energy-baseline/
Send comments (copy psa@ansi.org) to: standards@scte.org

TIA (Telecommunications Industry Association)

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Revision

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

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 1086-2022 (R202x), Standard for Safety for Household Trash Compactors (reaffirmation of ANSI/UL 1086-2022)
Reaffirmation and continuance of the Sixth Edition of the Standard for Safety for Household Trash Compactors, UL 1086, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.org/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: August 10, 2026

ULSE (UL Standards and Engagement)

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

Reaffirmation

BSR/UL 1715-2003 (R202x), Standard for Safety for Fire Test of Interior Finish Material (reaffirmation of ANSI/UL 1715-2003 (R2022))
Reaffirmation and continuance of the Third Edition of the Standard for Safety for Fire Test of Interior Finish Material, UL 1715, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.org/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 1482-202x, Standard for Solid-Fuel Type Room Heaters (revision of ANSI/UL 1482-2022)
1 Scope 1.1 These requirements cover room heaters which are freestanding fire chamber assemblies of the circulating or direct radiation type. These products are for attachment to a residential type chimney intended for use with low-heat appliances and shall be used to burn solid fuels specified by the manufacturer. These products shall be manually or thermostatically controlled. 1.2 Room heaters are intended for installation in accordance with the Standard for Chimneys, Fireplaces, Vents, and Solid-Fuel Burning Appliances, NFPA 211, and in accordance with codes such as the ICC International Mechanical Code (IMC). 1.3 Room heaters intended for use in mobile homes are to be installed in accordance with the Mobile Home Construction and Safety Standards published by the Department of Housing and Urban Development (HUD).
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Evanston, IL 60201 | erin.webber@ul.org, https://ulse.org/

Revision

BSR/UL 1709-202x, Standard for Rapid Rise Fire tests of Protection Materials for Structural Steel (revision of ANSI/UL 1709-2024)
This Standard describes a full-scale test method for measuring the thermal resistance of protective materials, systems, or constructions to rapid-temperature-rise fires. Part 1 of this Standard describes the furnace calibration and furnace control requirements.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the Instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: August 25, 2026

ULSE (UL Standards and Engagement)

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

Revision

BSR/UL 2684-202x, Standard for Video and Thermal Image Detectors for Fire Alarm Systems (revision of ANSI/UL 2684-2025)
This Standard sets forth requirements for video and thermal image fire detectors and accessories for non-dwelling units, including mechanical guards to be employed in indoor locations (for video and thermal) and outdoor (for thermal) in accordance with the following: a) In the United States: 1) National Fire Alarm and Signaling Code, NFPA 72; 2) National Electrical Code, NFPA 70. b) In Canada: 1) Standard for the Installation of Fire Alarm Systems, ULCS-S524; 2) National Building Code of Canada; and 3) National Fire Code of Canada.
Single copy price: Free
Order from: csds.ul.org
Send comments (copy psa@ansi.org) to: csds.ul.org

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

MHI (ASC MHC) (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

ANSI MH10.8.13-2016, Material Handling - Label testing procedures for pressure-sensitive adhesive labels to be used for bar codes, other markings, and as carriers for other AIDC media. (new standard)
Send comments (copy psa@ansi.org) to: Patrick Davison <pdavison@mhi.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME RT-1-2020, Safety Standard for Structural Requirements for Light Rail Vehicles (revision of ANSI/ASME RT-1-2015)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Terrell Henry <ansibox@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

ANSI/ASME RT-2-2021, Safety Standard for Structural Requirements for Heavy Rail Transit Vehicles (revision of ANSI/ASME RT-2-2014)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Terrell Henry <ansibox@asme.org>

MHI (ASC MHC) (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

ANSI/MH 10.8.17-2017, Item Unique Identification (IUID) Data Matrix Encoding Guideline (new standard)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Patrick Davison <pdavison@mhi.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

MHI (ASC MHC) (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

ANSI MH10.8.12-2011 (R2018), Standard for Material Handling - Component Marking (reaffirmation of ANSI MH10.8.12-2011)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Patrick Davison <pdavison@mhi.org>

MHI (ASC MHC) (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

ANSI MH10.8.15-2018 (R2018), Material Handling - Specification for XML Reader Output from ISO/IEC 15434-formatted AIDC Data (reaffirmation of ANSI MH10.8.15-2011)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Patrick Davison <pdavison@mhi.org>

Final Actions on American National Standards

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

ABYC (American Boat and Yacht Council)

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

ANSI/ABYC A-27-2026, ALTERNATING CURRENT (AC) GENERATOR SETS (revision of ANSI/ABYC A-27-2021) Final Action Date: 6/15/2026 | *Revision*

ANSI/ABYC S-8-2026, BOAT MEASUREMENT AND WEIGHT (revision of ANSI/ABYC S-8-2021) Final Action Date: 6/15/2026 | *Revision*

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC | asuiguid@api.org, www.api.org

ANSI/API RP 755-2026 (R2026), Fatigue Prevention Guidelines for the Refining and Petrochemical Industries (reaffirmation of ANSI/API Standard RP 755-2019) Final Action Date: 6/17/2026 | *Reaffirmation*

ASA (ASC S1) (Acoustical Society of America)

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

ANSI ASA S1.15/Part 1/IEC 61094-1 (R2026), Electroacoustics - Measurement microphones - Part 1: Specifications for laboratory standard microphones (reaffirm a national adoption ANSI/ASA S1.15, Part 1-2021/IEC 61094-1-2000) Final Action Date: 6/17/2026 | *Reaffirmation*

ANSI ASA S1.15/Part 2/IEC 61094-2 (R2026), Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique (reaffirm a national adoption ANSI/ASA S1.15, Part 2-2021/IEC 61094-2-2009) Final Action Date: 6/17/2026 | *Reaffirmation*

ANSI ASA S1.15/Part 3/IEC 61094-3 (R2026), Electroacoustics - Measurement microphones - Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique (reaffirm a national adoption ANSI/ASA S1.15, Part 3-2021/IEC 61094-3-2016) Final Action Date: 6/17/2026 | *Reaffirmation*

ANSI ASA S1.15/Part 4/IEC 61094-4 (R2026), Electroacoustics - Measurement Microphones Part 4: Specifications For Working Standard Microphones (reaffirm a national adoption ANSI/ASA S1.15, Part 4-2021/IEC 61094-4-1995) Final Action Date: 6/17/2026 | *Reaffirmation*

ANSI ASA S1.15/Part 5/IEC 61094-5 (R2026), Electroacoustics - Measurement Microphones - Part 5: Methods For Pressure Calibration Of Working Standard Microphones By Comparison (reaffirm a national adoption ANSI/ASA S1.15 Part 5-2021/IEC 61094-5-2016) Final Action Date: 6/17/2026 | *Reaffirmation*

ANSI ASA S1.15/Part 6/IEC 61094-6 (R2026), Electroacoustics - Measurement Microphones - Part 6: Electrostatic Actuators For Determination Of Frequency Response (reaffirm a national adoption ANSI/ASA S1.15, Part 6-2021/IEC 61094-6-2004) Final Action Date: 6/17/2026 | *Reaffirmation*

ANSI ASA S1.15/Part 7/IEC 61094-7 (R2026), Electroacoustics - Measurement Microphones - Part 7: Values For The Difference Between Free Field And Pressure Sensitivity Levels Of Laboratory Standard Microphones (reaffirm a national adoption ANSI/ASA S1.15, Part 7-2021/IEC TS 61094-7-2006) Final Action Date: 6/17/2026 | *Reaffirmation*

ANSI ASA S1.15/Part 8/IEC 61094-8 (R2026), Electroacoustics - Measurement Microphones - Part 8: Methods For Determining The Free-Field Sensitivity Of Working Standard Microphones By Comparison (reaffirm a national adoption ANSI/ASA S1.15, Part 8-2021/IEC 61094-8-2012) Final Action Date: 6/17/2026 | *Reaffirmation*

ASA (ASC S12) (Acoustical Society of America)

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

ANSI/ASA S12.79-2021/ISO 26101-2021, Acoustics - Test methods for the qualification of free-field environments (withdrawal of ANSI/ASA S12.79-2021/ISO 26101-2021) Final Action Date: 6/16/2026 | *Withdrawal*

BOMA (Building Owners and Managers Association)

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

ANSI/BOMA Z65.6-2026, BOMA 2026 For Mixed-Use Properties Standard Method of Measurement (revision of ANSI/BOMA Z65.6-2021) Final Action Date: 6/16/2026 | *Revision*

NCPDP (National Council for Prescription Drug Programs)

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

ANSI/NCPDP RTPB Standard v15-2026, NCPDP Real-Time Prescription Benefit Standard v15 (revision and redesignation of ANSI/NCPDP RTPB Standard v14-2023) Final Action Date: 6/16/2026 | *Revision*

ANSI/NCPDP SC v2026071-2026, NCPDP SCRIPT Standard v2026071 (revision and redesignation of ANSI/NCPDP SC v2025071-2025) Final Action Date: 6/17/2026 | *Revision*

ANSI/NCPDP Specialized Standard v2026071-2026, NCPDP Specialized Standard v2026071 (revision and redesignation of ANSI/NCPDP Specialized Standard v2025071-2025) Final Action Date: 6/16/2026 | *Revision*

NEMA (ASC C12) (National Electrical Manufacturers Association)

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

ANSI C12.33-2026, Code for Electricity Metering - Current Transducers for DC Measurement (new standard) Final Action Date: 6/17/2026 | *New Standard*

NEMA (ASC C29) (National Electrical Manufacturers Association)

1812 N. Moore Street, Rosslyn, Virginia 22209 | Connor.Grubbs@nema.org, www.nema.org

ANSI C29.1-2026, Test Methods for Electrical Power Insulators (revision of ANSI C29.1-2018) Final Action Date: 6/15/2026 | *Revision*

NSF (NSF International)

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

ANSI/NSF 4-2026 (i41r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2025) Final Action Date: 6/17/2026 | *Revision*

ANSI/NSF 401-2026 (i40r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2023) Final Action Date: 6/16/2026 | *Revision*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-86-B-2026, FOTP-86 Optical Fiber Cable Jacket Shrinkage (revision and redesignation of ANSI/TIA 455-86-A-2014 (R2024)) Final Action Date: 6/16/2026 | *Revision*

ULSE (UL Standards and Engagement)

100 Queen St. Suite 1040, Ottawa, ON Canada, ON K1P 1J9 | Felipe.Luz@ul.org, https://ulse.org/

ANSI/UL 561-2021 (R2026), Standard for Safety for Floor-Finishing Machines (reaffirmation of ANSI/UL 561-2021) Final Action Date: 6/15/2026 | *Reaffirmation*

ANSI/UL 514C-2026, Standard for Safety Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C-2024) Final Action Date: 6/18/2026 | *Revision*

ANSI/UL 1369-2026, Standard for Aboveground Piping for Flammable and Combustible Liquids (revision of ANSI/UL 1369-2025) Final Action Date: 6/17/2026 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

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

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

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

ANSI Accredited Standards Developer

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

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

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 9013-Axx, Flexible Couplings - Potential Unbalance and Mass Elastic Properties (revision, redesignation and consolidation of ANSI/AGMA 9000-D11 & ANSI/AGMA 9004-B08 ,)

AGMA (American Gear Manufacturers Association)

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

BSR/AGMA 9113-Axx, Flexible Couplings - Potential Unbalance and Mass Elastic Properties (Metric Edition) (revision, redesignation and consolidation of ANSI/AGMA 9104-A06 & ANSI/AGMA 9110-A11)

API (American Petroleum Institute)

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

BSR/API MPMS Chapter 9.4, 2nd edition (R202x), Continuous Density Measurement Under Dynamic (flowing) conditions (reaffirmation of ANSI/API MPMS Chapter 9.4, 1st edition (R2026))

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S640.1 MONYEAR-202x, Quantities and Units of Electromagnetic Radiation for Plants (Photosynthetic Organisms) (revision of ANSI/ASABE S640 JUL2017 (R2022))

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

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

BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 55-2023, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2023)

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

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

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 55-2023, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2023)

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

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

BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 72-2022, Method of Testing Open and Closed Commercial Refrigerators and Freezers (addenda to ANSI/ASHRAE Standard 72-2022)

AWS (American Welding Society)

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

BSR/AWS A5.1/A5.1M-202x, Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.1/A5.1M-2025)

AWS (American Welding Society)

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

BSR/AWS A5.5/A5.5M-202x, Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.5/A5.5M-2022)

CTA (Consumer Technology Association)

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

BSR/CTA 6045-202x, Multimedia systems and equipment for vehicles - Surround view system - Part 4: Application for camera monitor systems IEC 63033-4:2022 (identical national adoption of IEC 63033-4:2022)

CTA (Consumer Technology Association)

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

BSR/CTA 6046-202x, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info IEC 61937-2:2021 (identical national adoption of IEC 61937-2:2021)

CTA (Consumer Technology Association)

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

BSR/CTA 6047-202x, Event video data recorder for road vehicle accidents - Part 2: Test methods for evaluating the performance of basic functions IEC 63005-2:2019 (identical national adoption of IEC 63005-2:2019)

CTA (Consumer Technology Association)

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

BSR/CTA 6048-202x, Guideline for synchronization of audio and video - Part 2: Methods for synchronization of audio and video systems IEC TS 62312-2:2018 (identical national adoption of IEC TS 62312-2:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6049-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 1: Modulation characteristics and basebandcoding IEC62106-1:2018 (identical national adoption of IEC62106-1:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6050-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 3: Usage and registration of Open Data Applications (ODAs)IEC 62106-3:2018 (identical national adoption of IEC 62106-3:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6051-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 4: Registered code tables IEC 62106-4:2018 (identical national adoption of IEC 62106-4:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6052-202x, Radio data system (RDS) - VHF/FM sound broadcasting in the frequencyrangefrom 64,0 MHz to 108,0 MHz - Part 5: Marking of RDS receiver devices IEC 62106-5:2018 (identical national adoption of IEC 62106-5:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6053-202x, Sound system equipment - Part 4: Microphones IEC 60268-4:2018 (identical national adoption of IEC 60268-4:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6054-202x, Sound system equipment - Part 3: Amplifiers IEC 60268-3:2018 (identical national adoption of IEC 60268-3:2018)

CTA (Consumer Technology Association)

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

BSR/CTA 6055-202x, Multimedia systems and equipment - Multimedia e-publishing and e-books - Generic format for e-publishing IEC 62448:2017 (identical national adoption of IEC 62448:2017)

CTA (Consumer Technology Association)

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

BSR/CTA 6056-202x, MicrospeakersIEC 63034:2020 (identical national adoption of IEC 63034:2020)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-53C-202x, Nitric Acid Vapor Test, Gold Finish Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-53B-2000 (R2021))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-69B-202x, Inductance Measurement Test Procedure for Electrical Connectors and Sockets (10 nH 100 nH) (revision and redesignation of ANSI/EIA 364-69A-2002 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-76-202x, Analysis of Induced Outgassing Emissions from Composite Connectors in Thermal and/or Corona-Inciting Environments for Possible Toxicity (new standard)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-79A-202x, Insert Bond Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-79-2014 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-85 (R202x), General Test Procedure for Assessing Wear and Mechanical Damage Testing of Contact Finishes for Electrical Connectors (reaffirmation of ANSI/EIA 364-85-2014 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-93A-202x, Repeated Wire Connection and Disconnection Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (revision and redesignation of ANSI/EIA 364-93-2009 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-94A-202x, Transverse Extraction Force Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (revision and redesignation of ANSI/EIA 364-94-2009 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-97A-202x, Housing Panel Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-97-1997 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-98A-202x, Housing Locking Mechanism Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-98-2009 (R2020))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-124-202x, De-Icer Compatibility Test Procedure for Electrical Connectors (new standard)

LIA (Z136 SDC) (The Laser Institute)

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

BSR Z136.7-202x, Testing and Labeling of Laser Protective Equipment (revision of ANSI Z136.7-2025)

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

BSR/NETA MTS-202x, NETA Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA MTS-2023)

NSF (NSF International)

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

BSR/NSF 455-3-202x (i47r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)

NSF (NSF International)

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

BSR/NSF 455-3-202x (i50r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2024)

NSF (NSF International)

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

BSR/NSF/CAN 61-202x (i206r1), 61-20XX: Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 2025a)

OPEI (Outdoor Power Equipment Institute)

1605 King Street, Alexandria, VA 22314 | dmustico@opei.org, www.opei.org

BSR/OPEI 8437-202x, Snow throwers - Safety requirements and test procedures (identical national adoption of ISO 8437-1:2019, ISO 8437-1:2019/Amd 1:2026; ISO 8437-2:2019, ISO 8437-2:2019/Amd 1:2026; ISO 8437 -3:2019, ISO 8437-3:2019/Amd 1:2026; ISO 8437-4:2019, ISO 8437-4:2019/Amd 1:2026)

TIA (Telecommunications Industry Association)

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

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

ULSE (UL Standards and Engagement)

1603 Orrington Ave, Evanston, IL 60201 | erin.webber@ul.org, https://ulse.org/

BSR/UL 1709-202x, Standard for Rapid Rise Fire tests of Protection Materials for Structural Steel (revision of ANSI/UL 1709-2024)

WIA (ASC 01) (Wood Industry Association)

2331 Rock Spring Road, Forest Hill, MD 21050 | allison@woodindustry.org, www.woodindustry.org

BSR 01.1-5-202x, Safety Requirements for Straight-Line Rip Saws (new standard)

American National Standards (ANS) Announcements

Corrections

ULSE - UL Standards and Engagement

BSR/UL 58-202x

The June 19, 2026, Call for Comment notice for the following proposal was inadvertently published prematurely. The public review notice will be republished in the July 10, 2026 issue of Standards Action.
BSR/UL 58-202x, Steel Underground Tanks for Flammable and Combustible Liquids (new standard)

Please direct inquiries to: Johnny Hall <johnny.hall@ul.org>

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ICC (ASC A117) - International Code CouncilArchitectural Features and Site Design of Public Buildings and Residential Structures for Persons with Disabilities

Effective June 16, 2026

The reaccreditation of **International Code Council-sponsored ASC A117, Architectural Features and Site Design of Public Buildings and Residential Structures for Persons with Disabilities** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ICC (ASC A117)-sponsored American National Standards, effective **June 16, 2026**. For additional information, please contact: Karl Aittaniemi, International Code Council (ICC (ASC A117)) | 4051 Flossmoor Road, Country Club Hills, IL 60478 | (888) 422 -7233 , kaittaniemi@iccsafe.org

Approval of Reaccreditation – ASD

ISANTA - International Staple, Nail and Tool Association

Effective June 11, 2026

The reaccreditation of **ISANTA - International Staple, Nail and Tool Association** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ISANTA-sponsored American National Standards, effective **June 11, 2026**. For additional information, please contact: Jeff Henry, International Staple, Nail and Tool Association (ISANTA) | 1601 American Lane, Suite 310, Schaumburg, IL 60173-4973 | (847) 375-6402, jhenry@isanta.org

Accreditation Announcements (Standards Developers)

Public Review of Application for ASD Accreditation

NIBS - National Institute of Building Sciences

Comment Deadline: 7/27/2026

The National Institute of Building Sciences (NIBS) has submitted an Application for Accreditation as an ANSI Accredited Standards Developer (ASD). NIBS' proposed scope of standards activity is:

The National Institute of Building Sciences develops voluntary consensus standards, nationally recognized performance criteria, and related technical provisions that support the planning, design, construction, operation, maintenance, and life-cycle performance of the nation's built and natural infrastructure systems, in the interest of life safety, health, resilience, sustainability and public welfare.

This scope encompasses integrated and interdependent infrastructure systems, including the interfaces among buildings, energy, transportation, water, communications, and related systems, and addresses both emerging and established technologies, methods, and practices they relate to building science and technology. Activities under this scope include performance-based and technology-enabling standards, provisions addressing system interoperability and data exchange, and associated evaluative methods that facilitate informed decision-making, innovation adoption, and coordinated implementation across public and private sectors.

As the application materials are available electronically, the public review period is 30 days. You may download a copy of NIBS' application and proposed operating procedures during the public review period HERE.

Please submit any comments by July 27, 2026 directly to: Michele Mihelic, Sr. Director, Provisions and Standards, NIBS, 2121 K Street NW, Suite 800, Washington, DC 20037; ph (202) 787-3249; email: mmihelic@nibs.org (please copy jthompso@ansi.org)

Public Review of Revised ASD Operating Procedures

DirectTrustTM - DirectTrust.org, Inc.

Comment Deadline: July 27, 2026

DirectTrust™ has submitted revisions to its currently accredited operating procedures for documenting consensus on DirectTrust™-sponsored American National Standards, under which it was last reaccredited in 2024. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Taylor Davis, DirectTrust.org, Inc. (DirectTrustTM) | 1629 K Street NW, Suite 300, Washington, DC 20006 | (706) 781-5518, taylor.davis@directtrust.org

To view/download a copy of the revisions during the public review period, click URL here:

Please submit any public comments on the revised procedures to DirectTrust™ by **July 27, 2026**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org)

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

IKECA - International Kitchen Exhaust Cleaning Association

Meeting Time: July 21 from 10:00am – 12:00pm EDT Virtually

The IKECA Technical Standards Development Committee is meeting virtually on Tuesday, July 21, 10:00 am -12:00pm Eastern Time.

For inquiries please contact: Allison Forsythe, International Kitchen Exhaust Cleaning Association (IKECA (TSDC)) | 2331 Rock Spring Road, Forest Hill, MD 21050 | (410) 417-5234 ext. 1132 allison@ikeca.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.

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

Teresa Ambrosius
tambrosius@aafs.org

ABYC
American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
www.abycinc.org

Emily Parks
eparks@abycinc.org

AGMA
American Gear Manufacturers Association
1001 N. Fairfax Street, Suite 500
Alexandria, VA 22314
www.agma.org

Phillip Olson
olson@motionpower.org

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

Kathryn Murdoch
kmurdoch@ans.org

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

Crystal Lawrence
lawrencec@apcointl.org

API
American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
www.api.org

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API
American Petroleum Institute
200 Massachusetts Avenue NW
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APTech (ASC CGATS)
Association for Print Technologies
450 Rev Kelly Smith Way
Nashville, TN 37203
www.printtechnologies.org

Adam Dewitz
standards@aptech.org

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

Raegan Ripley
standards@acousticalsociety.org

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

Raegan Ripley
standards@acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Britni Wall
wall@asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
www.x9.org

Ambria Calloway
ambria.frazier@x9.org

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

Ryan Shanley
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Thomas Loxley
tloxley@ashrae.org

ASTM
ASTM International
100 Barr Harbor Drive, PO Box C700
West Conshohocken, PA 19428
www.astm.org

Meredith Klein
accreditation@astm.org

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

Kevin Bulger
kbulger@aws.org

BOMA
Building Owners and Managers Association
1101 15th Street, NW, Suite 800
Washington, DC 20005
www.boma.org

Kia Lor
education@boma.org

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

Kerri Haresign
KHaresign@cta.tech

ECIA
Electronic Components Industry Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

Laura Donohoe
ldonohoe@ecianow.org

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

Terry Burger
standards@iapmostandards.org

LIA (Z136 SDC)
The Laser Institute
12001 Research Parkway, Suite 210
Orlando, FL 32828
www.laserinstitute.org

Liliana Caldero
lcaldero@lia.org

NCPDP
National Council for Prescription Drug Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
www.ncpdp.org

Margaret Weiker
mweiker@ncpdp.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

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NEMA (ASC C29)
National Electrical Manufacturers Association
1812 N. Moore Street
Rosslyn, Virginia 22209
www.nema.org

Connor Grubbs
Connor.Grubbs@nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Arlington, VA 22209
www.nema.org

Khaled Masri
Khaled.Masri@nema.org

NETA
InterNational Electrical Testing Association
3050 Old Centre Rd, Suite 101
Portage, MI 49024
www.netaworld.org

Lamar Danzy
ldanzy@netaworld.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
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Allan Rose
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ajump@nsf.org

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rbrooker@nsf.org

OPEI
Outdoor Power Equipment Institute
1605 King Street
Alexandria, VA 22314
www.opei.org

Daniel Mustico
dmustico@opei.org

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

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

Teesha Jenkins
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ULSE
UL Standards & Engagement
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Ottawa, Canada, ON K1P1J
https://ulse.org/

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ULSE
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https://ulse.org/

Felipe Luz
Felipe.Luz@ul.org

WIA (ASC O1)
Wood Industry Association
2331 Rock Spring Road
Forest Hill, MD 21050
www.woodindustry.org

Allison Forsythe
allison@woodindustry.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

Aircraft and space vehicles (TC 20)

ISO/DIS 14954, Space systems - Dynamic and static analysis - Exchange of mathematical models - 9/7/2026, $98.00

Building construction (TC 59)

ISO/DIS 23143-3, Information exchange between BIM and GIS - Part 3: Linking abstract concepts in BIM and GIS standards - 9/5/2026, $125.00

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

ISO/DIS 21282-3, Determination of mass of carbon dioxide sequestrated in concrete and concrete constituents - Part 3: Thermogravimetry - 9/13/2026, $40.00

Graphical symbols (TC 145)

ISO/DIS 9186-1, Graphical symbols - Test methods - Part 1: Method for testing comprehensibility - 9/7/2026, $67.00

Hydrogen energy technologies (TC 197)

ISO/DIS 19885-3, Gaseous hydrogen - Fuelling protocols for hydrogen fuelled vehicles - Part 3: Hydrogen fuelling protocols for road vehicles - 9/10/2026, $291.00

Metallic and other inorganic coatings (TC 107)

ISO/DIS 25363, Determination of fracture toughness of PVD coatings by micropillar indentation method - 9/4/2026, $58.00

Paints and varnishes (TC 35)

ISO/DIS 8502-2, Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 2: Extraction of water-soluble contaminants for analysis by swabbing method - 9/7/2026, $33.00

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

ISO/DIS 25601, Thermoplastics pipes - Determination of the axial coefficient of linear expansion - 9/7/2026, $40.00

Road vehicles (TC 22)

ISO/DIS 23408, Road vehicles - Ergonomic aspects of foot control layout, location, spacing, and clearance - 9/5/2026, $98.00

Rubber and rubber products (TC 45)

ISO/DIS 22768, Rubber raw and latex, synthetic - Determination of the glass transition temperature by differential scanning calorimetry (DSC) - 9/7/2026, $71.00

Soil quality (TC 190)

ISO/DIS 11461, Soil quality - Determination of soil water content as a volume fraction using coring sleeves - Gravimetric method - 9/10/2026, $40.00

Sterilization of health care products (TC 198)

ISO/DIS 11137-2, Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose - 9/7/2026, $165.00

(TC 333)

ISO/DIS 12403, Lithium carbonate - Determination of chloride content by potentiometry - 9/7/2026, $46.00

Tobacco and tobacco products (TC 126)

ISO/DIS 26419, Nicotine pouches - Test method for water activity - 9/5/2026, $40.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 42007, Information technology - Artificial intelligence - High-level framework and guidance for the development of conformity assessment schemes for AI systems - 9/4/2026, $88.00

IEC Standards

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

46F/745/NP, PNW 46F-745 ED1: Radio-frequency connectors - Part XX: Sectional specification-RF coaxial connectors with 0,6 mm inner diameter of outer conductor-Characteristic impedance 50 Ω- (type 0,6, 09/11/2026

Capacitors and resistors for electronic equipment (TC 40)

40/3311/CDV, IEC 61051-2/AMD1 ED2: Amendment 1 - Varistors for use in electronic equipment - Part 2: Sectional specification for surge suppression varistors, 09/11/2026

Documentation and graphical symbols (TC 3)

3/1784/ED, IEC 60617-C00297 ED1: Graphical symbols for diagrams - Piezoelectric sensor elements, 08/14/2026

3/1782/ED, IEC 60617-C00306 ED1: Switch type converter, 08/14/2026

3/1783/ED, IEC 60617-C00307 ED1: Graphical symbols for diagrams - Controllable voltage source type converter, 08/14/2026

3D/504/VD, IEC 61360-C00199 ED3: Product discontinuation, 07/31/2026

Electric road vehicles and electric industrial trucks (TC 69)

69/1146/FDIS, IEC 61851-21-1 ED2: Conductive power and energy transfer systems for electric vehicles - Part 21-1 Electric vehicle on-board charger EMC requirements for conductive connection to AC/DC supply, 07/31/2026

Electrical accessories (TC 23)

23B/1616/FDIS, IEC 60884-2-5 ED3: Plugs and socket-outlets for household and similar purposes - Part 2-5: Particular requirements for adaptors, 07/31/2026

23H/614/FDIS, IEC 63407 ED1: Conductive charging of electric vehicles - Contact interface for automated connection device (ACD), 07/31/2026

Electrical equipment in medical practice (TC 62)

62/591/NP, PNW 62-591 ED1: Artificial intelligence enabled medical devices - Data management, 09/11/2026

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

104/1190/FDIS, IEC 60068-2-64 ED3: Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, 07/31/2026

104/1188(F)/FDIS, IEC 60721-3-3/AMD1 ED3: Amendment 1 - Classification of environmental conditions - Part 3-3: Classification of groups of environmental parameters and their severities - Stationary use at weatherprotected locations, 07/17/2026

104/1186/CDV, IEC 60721-3-4/AMD1 ED3: Amendment 1 - Classification of environmental conditions - Part 3-4: Classification of groups of environmental parameters and their severities - Stationary use at non-weatherprotected locations, 09/11/2026

104/1192/CD, IEC TR 60721-2-10 ED1: Classification of environmental conditions part 2-10 - Environmental conditions appearing in nature - Birds, 08/14/2026

Fibre optics (TC 86)

86A/2708/FDIS, IEC 60794-1-102 ED1: Optical fibre cables - Part 1-102: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Abrasion, Method E2, 07/31/2026

86C/2027/FDIS, IEC 61290-3-2 ED3: Optical amplifiers - Test methods - Part 3-2: Noise figure parameters - Electrical spectrum analyzer method, 07/31/2026

86C/2018/CDV, IEC 62149-13 ED1: Fibre optic active components and devices - Performance Standards - Part 13: Performance specification template for pump laser diode modules, 09/11/2026

Methods for the Assessment of Electric, Magnetic and Electromagnetic Fields Associated with Human Exposure (TC 106)

106/735(F)/CDV, IEC/IEEE 62704-4 ED2: Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communication devices, 100 kHz to 10 GHz - Part 4: General requirements for using the finite element method for SAR calculations, 08/21/2026

Performance of household electrical appliances (TC 59)

59N/97/CDV, IEC 63086-1 ED2: Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 1: General requirements, 09/11/2026

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

59A/283/CDV, IEC 63136 ED2: Commercial Electric dishwashing machines - Test methods for measuring the performance, 09/11/2026

Printed Electronics (TC 119)

119/585/NP, PNW 119-585 ED1: Future IEC 62899-201-3 ED1 - Printed electronics - Part 201-3: Materials - Substrates- Measurement methods of electrical insulation properties of stretchable fabrics, 09/11/2026

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

116/980(F)/FDIS, IEC 62841-2-25 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-25: Particular requirements for hand-held chain beam saws, 07/03/2026

Semiconductor devices (TC 47)

47/3025/FDIS, IEC 63287-4 ED1: Semiconductor devices - Guidelines for reliability qualification plans - Part 4: Early failure assessment, 07/31/2026

Solar photovoltaic energy systems (TC 82)

82/2634(F)/FDIS, IEC 63387-1 ED1: Hybrid CPV/PV modules: General characteristics and measurement procedures - Part 1: Performance measurements and power rating - Irradiance and temperature, 07/10/2026

Solar thermal electric plants (TC 117)

117/253/FDIS, IEC 62862-3-5 ED1: Solar thermal electric plants - Part 3-5: Laboratory reflectance measurement of solar reflectors, 07/31/2026

Steam turbines (TC 5)

5/298(F)/FDIS, IEC 60953-4 ED1: Rules for steam turbine thermal acceptance tests - Part 4: Routine testing, 07/10/2026

Switchgear and controlgear (TC 17)

17C/1000/CDV, IEC 62271-202/AMD1 ED3: Amendment 1 - High-voltage switchgear and controlgear - Part 202: AC prefabricated substations for rated voltages above 1 kV and up to and including 52 kV, 09/11/2026

Wearable electronic devices and technologies (TC 124)

124/390(F)/FDIS, IEC 63203-403-1 ED1: Wearable electronic devices and technologies - Part 403-1: Test method of surface electromyography sensors onto forearm and hand for wearable applications, 07/10/2026

124/388/CDV, IEC 63203-801-2 ED2: Wearable electronic devices and technologies - Part 801-2: Smart body area network (SmartBAN) - Low complexity medium access control (MAC) for SmartBAN, 09/11/2026

Winding wires (TC 55)

55/2088(F)/FDIS, IEC 60317-0-1/AMD2 ED4: Amendment 2 - Specifications for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire, 07/10/2026

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC25/3364/FDIS, ISO/IEC 11801-6/AMD1 ED1: Amendment 1 - Information technology - Generic cabling for customer premises - Part 6: Distributed building services, 08/14/2026

JTC1-SC41/615/NP, PNW JTC1-SC41-615 ED1: Internet of Things (IoT) — Distributed processing framework for massive data interoperability of real-time IoT systems, 09/11/2026

JTC1-SC41/616/NP, PNW JTC1-SC41-616 ED1: Digital Twin — General requirements of information interaction, 09/11/2026

JTC1-SC41/617/NP, PNW JTC1-SC41-617 ED1: Internet of Things (IoT) - Functional requirements for data interoperability of edge computing gateways, 09/11/2026

Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

ISO 18744:2016/Amd 1:2026, - Amendment 1: Microbiology of the food chain - Detection and enumeration of Cryptosporidium and Giardia in fresh leafy green vegetables and berry fruits - Amendment 1: Method validation studies and performance characteristics, $26.00

Biotechnology (TC 276)

ISO 9491-1:2026, Biotechnology - Predictive computational models in personalized medicine research - Part 1: Constructing, verifying and validating models, $227.00

ISO 23494-2:2026, Biotechnology - Provenance information model for biological material and data - Part 2: Common provenance model, $291.00

Clinical laboratory testing and in vitro diagnostic test systems (TC 212)

ISO 15193:2026, In vitro diagnostic medical devices - Requirements for reference measurement procedures, $193.00

ISO 15194:2026, In vitro diagnostic medical devices - Requirements for certified reference materials and the content of supporting documentation, $193.00

Dentistry (TC 106)

ISO 10873:2026, Dentistry - Denture adhesives, $143.00

Facilities management (TC 267)

ISO 41002:2026, Facility management - Development of the facility management organization, $227.00

Fire safety (TC 92)

ISO 10295-1:2026, Fire tests for building elements and components - Fire testing of service installations - Part 1: Penetration seals, $227.00

ISO 23693-3:2026, Determination of the resistance to gas explosions of passive fire protection materials - Part 3: Tubular and I-section substrates subject to elastic deformation only, $143.00

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

ISO 20815:2026, Oil and gas industries including lower carbon energy - Production assurance and reliability management, $324.00

Mechanical testing of metals (TC 164)

ISO 14577-1:2026, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 1: Test method, $258.00

Nuclear energy (TC 85)

ISO 16659-2:2026, Ventilation systems for nuclear facilities - In-situ efficiency test methods for iodine traps with solid sorbent - Part 2: Radioactive CH3I method, $258.00

Road traffic safety management systems (TC 241)

ISO 39004:2026, Road traffic safety - Good practice for service providers using digital platform, $193.00

Soil quality (TC 190)

ISO 23611-6:2026, Soil quality - Sampling of soil invertebrates - Part 6: Design of sampling programmes with soil invertebrates, $193.00

Surgical instruments (TC 170)

ISO 7554-2:2026, Surgical instruments - Terms, measuring methods and test methods - Part 2: Methods for determination of basic measures, $96.00

ISO 7554-3:2026, Surgical instruments - Terms, measuring methods and test methods - Part 3: Test methods, $143.00

(TC 331)

ISO 17317:2026, Biodiversity - Requirements and guidelines for the characterization of native species and products derived from native species, $258.00

(TC 334)

ISO 33400:2026, Reference materials - Vocabulary, $96.00

Textiles (TC 38)

ISO 105-X11:2026, Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing, $63.00

Water quality (TC 147)

ISO 14669:2026, Water quality - Determination of acute lethal toxicity to marine copepods (Copepoda, Crustacea), $193.00

ISO Technical Reports

Plastics (TC 61)

ISO/TR 19032:2026, Plastics - Use of polyethylene reference film (PERF) for monitoring laboratory and outdoor weathering conditions, $193.00

ISO Technical Specifications

Quality management and corresponding general aspects for medical devices (TC 210)

ISO/TS 24971-2:2026, Medical devices - Guidance on the application of ISO 14971 - Part 2: Machine learning in artificial intelligence, $227.00

Water quality (TC 147)

ISO/TS 21738:2026, Water quality - Active biomonitoring method with in situ caged benthic amphipods, $143.00

IEC Standards

Electric cables (TC 20)

IEC 60800 Amd.1 Ed. 4.0 en:2026, Amendment 1 - Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation, $29.00

IEC 60800 Amd.1 Ed. 4.0 b:2026, Amendment 1 - Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation, $29.00

IEC 60800 Ed. 4.1 en:2026, Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation, $684.00

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

IEC 62321-13 Ed. 1.0 b:2026, Determination of certain substances in electrotechnical products - Part 13: Bisphenol A in plastics by liquid chromatography-diode array detection (LC-DAD), liquid chromatography-mass spectrometry (LC-MS) and liquid chromatography-tandem mass spectrometry (LC-MS/MS), $299.00

IEC 62321-13 Ed. 1.0 en:2026, Determination of certain substances in electrotechnical products - Part 13: Bisphenol A in plastics by liquid chromatography-diode array detection (LC-DAD), liquid chromatography-mass spectrometry (LC-MS) and liquid chromatography-tandem mass spectrometry (LC-MS/MS), $299.00

Surface mounting technology (TC 91)

IEC 61760-1 Ed. 4.0 b:2026, Surface mounting technology - Part 1: Standard method for the specification of surface mounting components (SMDs), $478.00

IEC 61760-1 Ed. 4.0 en:2026, Surface mounting technology - Part 1: Standard method for the specification of surface mounting components (SMDs), $478.00

IEC 61760-1 Ed. 4.0 en:2026 CMV, Surface mounting technology - Part 1: Standard method for the specification of surface mounting components (SMDs), $955.00

International Electrotechnical Commission (IEC)

USNC TAG Administrator – Organization Needed

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/TC 72 *Automatic electrical controls*. The USNC is looking for a new organization to take on this USNC TAG Administratorship.

Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee.

If any organizations are interested in the position of USNC TAG Administrator for the USNC TAG to IEC/TC 72, they are invited to contact Betty Barro at bbarro@ansi.org **by Wednesday, July 22.**

Please see the scope for TC 72 below:

Scope
To prepare standards related to the inherent and functional safety of the product and to the operating characteristics where such are associated with application safety. The scope covers the evaluation of automatic electrical control devices used in homes, buildings, appliances and other apparatus, electrical and non-electrical. The scope also covers products for industrial purposes when no dedicated product standards exist, such as that for central heating, air conditioning, process heating building automation, etc.

For clarity, electrical controls embody the aspects of initiation (input), transmission (e.g. logic solver), and operation (e.g. switching device(s) or data output(s)) as defined in IEC 60730-1. There are two types of controls – closed-loop and open-loop controls, designed for various applications, as noted above.

Additionally, the following products are also included under the scope:

+ Automatic electrical control devices, mechanically, electromechanically, electrically or electronically operated. These devices are responsive to or controlling parameters such as temperature, pressure, chemical, passage of time, humidity, light, electrostatic effect, flow or liquid level.
+ Automatic electrical control devices serving the starting of small motors that are used principally in appliances and apparatus for household and similar purposes. Such control devices may be built into, or are separate from, the motor.
+ Non-automatic control devices when such are associated with automatic control devices.
+ Automatic electrical controls used in application functions such as building automation for comfort living, energy management, photo-voltaic applications, battery management systems, alternate fuel applications, etc. Energy efficiency of the overall installation is not included within the scope. This is covered under the scope of TC23/SC23K.
+ Automatic electrical controls that use cloud-based technology to perform control functions.
+ Automatic electrical control devices that may be part of the gas train/path for alternate fuels such as hydrogen.
+ Sensors and sensing technology used on or in association with automatic electrical controls.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 292 – Security and resilience

Reply Due Date: July 3, 2026

ANSI has been informed that the North American Security Products Organization (NASPO), the ANSI-accredited U.S. TAG Administrator for ISO/TC 292 – Security and resilience, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 292 operates under the following scope:

Standardization in the field of security to enhance the safety and resilience of society.
Excluded: Sector specific security projects developed in other relevant ISO committees and projects developed in ISO/TC 262 and ISO/PC 278.

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

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, trade associations, U.S domiciled standards development organizations and conformity assessment bodies, consumers, or U.S. government agencies may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify to the WTO Secretariat in Geneva, Switzerland proposed technical regulations that may significantly affect trade. In turn, the Secretariat circulates the notifications along with the full texts. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final. The USA Enquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Enquiry Point relies on the WTO's ePing SPS&TBT platform to distribute the notified proposed foreign technical regulations (notifications) and their full texts available to U.S. stakeholders. Interested U.S. parties can register with ePing to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. The USA WTO TBT Enquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance prior to submitting comments. For non-notified foreign technical barriers to trade for non-agricultural products, stakeholders are encouraged to reach out as early as possible to the Office of Trade Agreements Negotiations and Compliance (TANC) in the International Trade Administration (ITA) at the Department of Commerce (DOC), which specializes in working with U.S. stakeholders to remove unfair foreign government-imposed trade barriers. The U.S. Department of Agriculture's Foreign Agricultural Service actively represents the interests of U.S. agriculture in the WTO committees on Agriculture, Sanitary and Phytosanitary (SPS) measures and Technical Barriers to Trade (TBT). FAS alerts exporters to expected changes in foreign regulations concerning food and beverage and nutrition labeling requirements, food packaging requirements, and various other agriculture and food related trade matters. Working with other Federal agencies and the private sector, FAS coordinates the development and finalization of comments on measures proposed by foreign governments to influence their development and minimize the impact on U.S. agriculture exports. FAS also contributes to the negotiation and enforcement of free trade agreements and provides information about tracking regulatory changes by WTO Members. The Office of the United States Trade Representative (USTR) WTO & Multilateral Affairs (WAMA) office has responsibility for trade discussions and negotiations, as well as policy coordination, on issues related technical barriers to trade and standards-related activities.

Online Resources:
WTO's ePing SPS&TBT platform: https://epingalert.org/
Register for ePing: https://epingalert.org/en/Account/Registration
WTO committee on Agriculture, Sanitary and Phytosanitary (SPS) measures:
https://www.wto.org/english/tratop_e/sps_e/sps_e.htm
WTO Committee on Technical Barriers to Trade (TBT): https://www.wto.org/english/tratop_e/tbt_e/tbt_e.htm
USA TBT Enquiry Point: https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point
Comment guidance:
https://www.nist.gov/standardsgov/guidance-us-stakeholders-commenting-notifications-made-wto-members-tbt-committee
NIST: https://www.nist.gov/
TANC: https://www.trade.gov/office-trade-agreements-negotiation-and-compliance-tanc
Examples of TBTs: https://tcc.export.gov/report_a_barrier/trade_barrier_examples/index.asp.
Report Trade Barriers: https://tcc.export.gov/Report_a_Barrier/index.asp.
USDA FAS: https://www.fas.usda.gov/about-fas
FAS contribution to free trade agreements: https://www.fas.usda.gov/topics/trade-policy/trade-agreements
Tracking regulatory changes: https://www.fas.usda.gov/tracking-regulatory-changes-wto-members
USTR WAMA: https://ustr.gov/trade-agreements/wto-multilateral-affairs/wto-issues/technical-barriers-trade
Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov.

BSR/ASHRAE Addendum a
to ANSI/ASHRAE Standard 55-2023

First Public Review Draft

Proposed Addendum a to Standard 55-2023, Thermal Environmental Conditions for Human Occupancy

First Public Review (June 2026)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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FOREWORD

This proposed addendum proposes an addition to the thermal comfort questions in Informative Appendix L, which addresses measurements, surveys, and the evaluation of comfort in existing spaces (Parts 1 and 2), by adding a question on thermal disposition. Thermal disposition is described as a person's assessment of their own thermal sensitivity (usually feeling colder and/or hotter than others). This question is frequently used in research, although with varying formulations. Including it in the standard will enable more consistent data collection and, as a result, support the development of more reliable findings. Additionally, the question helps identify occupants who may be suitable candidates for personal comfort systems.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

Addendum a to Standard 55-2023

Modify Informative Appendix L as follows. The remainder of Informative Appendix L remains unchanged.

(This appendix is not part of the standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

INFORMATIVE APPENDIX L—MEASUREMENTS, SURVEYS, AND EVALUATION OF COMFORT IN EXISTING SPACES: PARTS 1 AND 2

[…]

L2.2 Satisfaction Surveys. …

[…]

The thermal satisfaction survey can be used by researchers, building operators, and facility managers to assess building system performance in new buildings, and to perform periodic postoccupancy evaluation in existing facilities.

A survey user can also ask about thermal disposition, described as a person's assessment of their own thermal sensitivity. A suggested question is shown in Figure L-2. It asks occupants to reflect on their own thermal sensitivity compared to others. It could be useful to identify occupants that would benefit from personal comfort systems or to suggest where to sit.

[…]

Modify Figure L-2 to add the question shown below. The remainder of Figure L-2 remains unchanged.

Background survey

Thinking about your daily life and compared to the people around you (for example, your coworkers), you consider yourself a person:

- ☐ more sensitive to heat (for example, I normally complain about feeling warm while others around me are not feeling warm)
- ☐ more sensitive to cold (for example, I normally complain about feeling cold while others around me are not feeling cold)
- ☐ sensitive to both cold and heat (for example, I normally complain about feeling warm or cold while others around me are not feeling warm or cold, respectively)
- ☐ not too sensitive to both cold and heat (for example, I normally do not complain or complain very little about feeling warm or cold while others around me are complaining about feeling warm or cold)

[…]

Modify Informative Appendix M as follows. The remainder of Informative Appendix M remains unchanged.

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INFORMATIVE APPENDIX M—INFORMATIVE REFERENCES AND BIBLIOGRAPHY

[…]

Rohles, F.H., Jr. J.E. Woods, and R.G. Nevins. 1973. The influence of clothing and temperature on sedentary comfort. *ASHRAE Transactions* 79:71–80.

Rupp, R.F., J. Piil, C. Cubel, L. Nybo, J. Toftum. 2023. Implications of lower indoor temperatures–Not cool for cold susceptible individuals across both sexes. *Energy and Buildings* 112829.10.1016/j.enbuild.2023.112829

Scheatzle, D.G., H. Wu, and J. Yellott. 1989. Extending the summer comfort envelope with ceiling fans in hot, arid climates. *ASHRAE Transactions* 95(1):269–80.

[…]

BSR/ASHRAE Addendum b
to ANSI/ASHRAE Standard 55-2023

First Public Review Draft

Proposed Addendum b to Standard 55-2023, Thermal Environmental Conditions for Human Occupancy

First Public Review (June 2026)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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FOREWORD

Surveys are one method used to assess thermal comfort in existing buildings. In this context, questions are asked to a defined target population, for example all occupants of a building, a single floor, or a specific occupancy type. In practice, it is often not feasible to survey everyone in the target group, nor to obtain responses from all those contacted. It is therefore necessary to define the minimum number of responses required to obtain a sample that is representative of the target population.

This proposed addendum replaces a response-rate based rule with a statistically grounded requirement for the minimum sample size needed to evaluate thermal comfort in existing buildings. The previous approach relied on a rule of thumb and, in buildings with large occupant populations, often required an unnecessarily large number of responses. The revised text defines the minimum number of responses using a standard sample size formula, providing a clear and well established statistical basis for determining the required number of survey responses.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

Addendum b to Standard 55-2023

Modify Section 7 as follows. The remainder of Section 7 remains unchanged.

7. EVALUATION OF COMFORT IN EXISTING BUILDINGS

[…]

7.3 Measurement Methods

7.3.1 Surveys of Occupant Responses to Environment. Surveys shall be solicited from the target population. The minimum number of occupants answering the survey (n) is calculated from the following equation or obtained from Table 7-1, where P is the target population.~~entire occupancy or a representative sample thereof. If more than 45 occupants are solicited, the response rate must exceed 35%. If solicited occupants number between 20 and 45, at least 15 must respond. For under 20 solicited occupants, 80% must respond.~~

$$n = \frac{96}{1 + \frac{95}{P}}$$

Table 7-1 Minimum Number of Occupants Answering the Survey

Target Population (P)	Minimum Number of Occupants Answering the Survey (n)
20	17
40	29
60	38
80	44
100	50
150	59
200	66
250	70
300	73

Table 7-1 Minimum Number of Occupants Answering the Survey

Target Population (*P*)	Minimum Number of Occupants Answering the Survey (*n*)
400	78
500	81
750	85
1000	88
2500	92
5000	94
>7500	95

Informative Note: *n* was calculated using the standard sample size formula with 95% confidence, ±10% margin of error.

[…]

Table 7-2~~7~~ ~~1~~ Instrumentation Measurement Range and Accuracy

[…]

7.3.4 Physical Measurement Device Criteria. The measuring instrumentation used shall meet the requirements for measurement range and accuracy given in Table 7-2~~7~~ ~~1~~. Air temperature sensors shall be shielded from radiation exchange with the surroundings.

[…]

Modify Informative Appendix M as follows. The remainder of Informative Appendix M remains unchanged.

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INFORMATIVE APPENDIX M—INFORMATIVE REFERENCES AND BIBLIOGRAPHY

[…]

Wyon, D.P., Th. Asgeirsdottir, P. Kjerulf-Jensen, and P.O. Fanger. 1973. The effects of ambient temperature swings on comfort, performance and behavior. *Arch. Sci. Physiol* 27:441–58.

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[…]

BSR/ASHRAE Addendum c
to ANSI/ASHRAE Standard 72-2022

First Public Review Draft

Proposed Addendum c to Standard 72-2022, Method of Testing Open and Closed Commercial Refrigerators and Freezers

First Public Review (June 2026)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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FOREWORD

This proposed addendum adds test method requirements for refrigerators operating with R-744 as the refrigerant in a direct-expansion configuration. It also adds two definitions associated with this proposed addition.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

Addendum c to Standard 72-2022

Modify Section 3 as follows. The remainder of Section 3 remains unchanged.

3. DEFINITIONS

[…]

liquid overfeed system: system feeding an evaporator with refrigerant at a rate to make the exit vapor quality less than one.

[…]

mechanical subcooler: a heat exchanger external to a remote refrigerator used to reduce the liquid refrigerant temperature prior to entering the refrigerator.

[…]

Modify Section 6 as follows. The remainder of Section 6 remains unchanged.

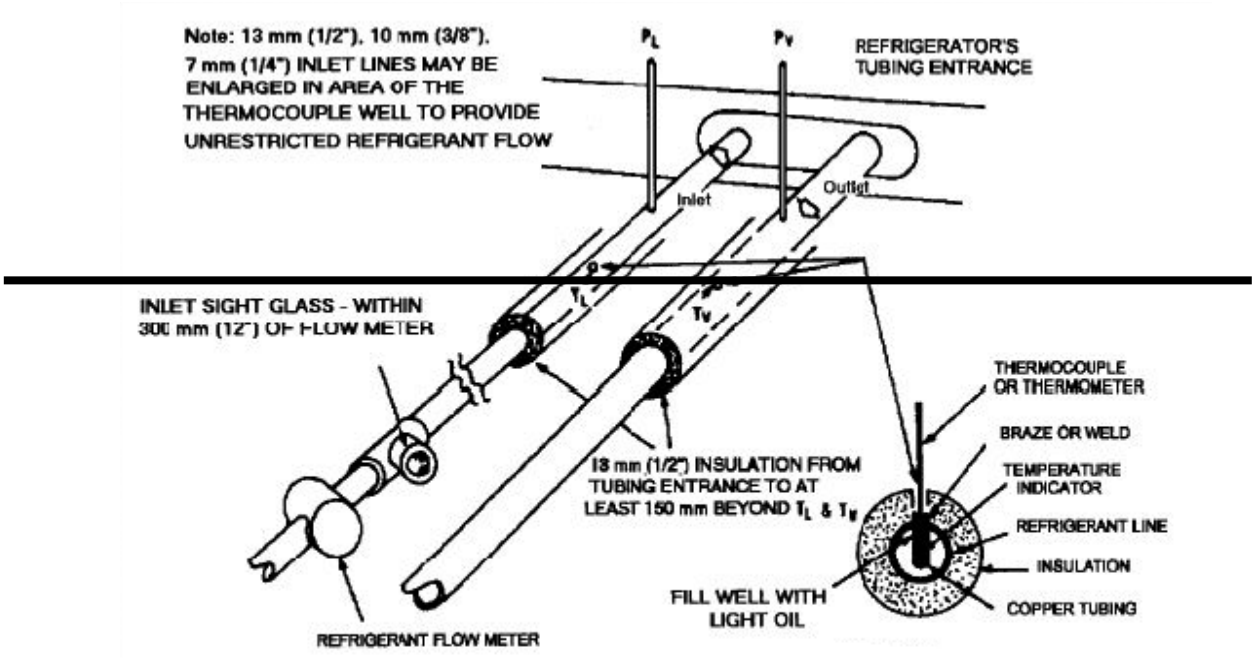
6. TEST CONDITIONS

[…]

6.4.7 R-744 Refrigerator Test Considerations

6.4.7.1 Scope. This method and the measurements specified in Normative Appendix A apply only to direct-expansion refrigerators. It does not apply to refrigerators intended to use R-744 in a liquid overfeed system.

6.4.7.2 Mechanical Subcooler. For direct-expansion remote refrigerators, if a mechanical subcooler is used to maintain the liquid temperatures as specified in Normative Appendix A, it shall be installed upstream of the refrigerant flowmeter.



~~**Figure 11 Illustration of pressure and temperature locations.**~~

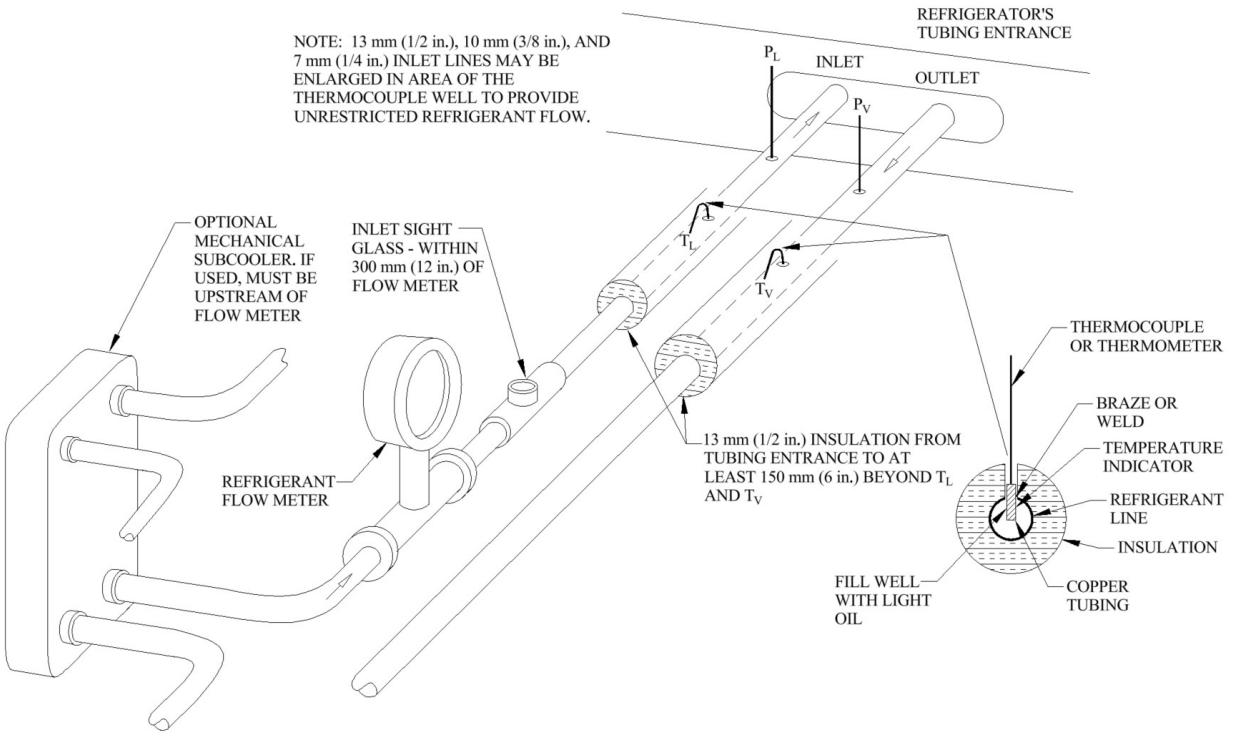


Figure 13 Illustration of pressure and temperature locations.

[…]

Modify Normative Appendix A as follows. The remainder of Normative Appendix A remains unchanged.

(This is a normative appendix and is part of the standard.)

NORMATIVE APPENDIX A—MEASUREMENT LOCATIONS, TOLERANCES, ACCURACIES, AND OTHER CHARACTERISTICS

Note to Reviewers: **All references to "Figure 11" are replaced by reference to "Figure 13".**

Table A-1 Measurement Locations, Tolerances, Accuracies, and Other Characteristics

Measured Quantity and Measurement Standard	Location	Period of Time Measurement is Taken	Required Accuracy	Required Value(s)
		[…]		
Compartment Temperature				
Test simulator temperature	See Section 5.4 ~~Section 4~~	At least once every 3 min throughout Test A and Test B	±0.8°C (±1.4°F)	N/A
Refrigerant Measurements for Direct-Expansion Remote Units				
Liquid refrigerant temperature for refrigerants other than R-744	Inlet line at a distance not greater than 155 mm (6.1 in.) from the refrigerator. (See Section 6.4.3 and Figure 13 ~~Figure 11~~)	At least once every 3 min during running cycles throughout Test A and Test B	±0.8°C (±1.4°F)	Individual measurements: 26.7°C ± 5.6°C (80.0°F ± 10.0°F) Average over test period: 26.7°C ± 2.8°C (80.0°F ± 5.0°F)
Liquid refrigerant temperature for R-744	Inlet line at a distance not greater than 155 mm (6.1 in.) from the refrigerator. (See Section 6.4.3 and Figure 13)	At least once every 3 min during running cycles throughout Test A and Test B	±0.8°C (±1.4°F)	Value used to calculate liquid refrigerant subcooling
Liquid refrigerant pressure for refrigerants other than R-744	Inlet line at a distance not greater than 155 mm (6.1 in.) from the refrigerator. (See Section 6.4.3 and Figure 13 ~~Figure 11~~)	At least once every 3 min during running cycles throughout Test A and Test B	±35.0 kPa (±5.1 psi)	Average over test period: Saturated liquid pressure corresponding to a condensing temperature (bubble point) in the range of 32°C to 49°C (89.6°F to 120.2°F)
Liquid refrigerant pressure for R-744	Inlet line at a distance not greater than 155 mm (6.1 in.) from the refrigerator. (See Section 6.4.3 and Figure 13)	At least once every 3 min during running cycles throughout Test A and Test B	±35.0 kPa (±5.1 psi)	Average over test period: Saturated liquid pressure corresponding to a condensing temperature (bubble point) in the range of 0.0°C to 3.3°C (32.0°F to 38.0°F)

Table A-1 Measurement Locations, Tolerances, Accuracies, and Other Characteristics

Measured Quantity and Measurement Standard	Location	Period of Time Measurement is Taken	Required Accuracy	Required Value(s)
Liquid refrigerant subcooling for refrigerants other than R-744	Calculated from measured temperature and pressure	At least once every 3 min during running cycles throughout Test A and Test B	N/A	Average over test period: >0K (>0°R)
Liquid refrigerant subcooling	Calculated from measured temperature and pressure. Temperature measured at inlet line at a distance not greater than 155 mm (6.1 in.) from the refrigerator.	At least once every 3 minutes, starting 5 minutes after the end of each defrost period, during running cycles throughout Test A and Test B.	N/A	Individual measurements: 1.0 to 6.0K (1.8 to 10.8°R) Average over test period: 1.0 to 3.0K (1.8 to 5.4°R)

[…]

BSR/ASHRAE/IES Addendum f
to ANSI/ASHRAE/IES Standard 90.1-2025

Public Review Draft

Proposed Addendum f to Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

First Public Review (June 2026)
(Draft Shows Proposed Changes to Current Standard)

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FOREWORD

The envelope backstop in ECB (Chapter 12) and PRM (Appendix G) specifies the use of Appendix C rules for performing trade-off calculations. Appendix C requires the proposed design model geometry and zoning to be modified for the backstop calculation. This addendum creates an option for modelers allowing the proposed design geometry and zoning that were created for demonstrating compliance with ECB or Appendix G to also be used for the envelope backstop calculation. When this option is used, all other rules in Appendix C other than the design model geometry and zoning must still be applied for the backstop calculation.

This addendum modifies the performance path sections in the standard and is not subject to cost-effectiveness.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by <u>underlining</u> (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum f to 90.1-2025

Revise section 12 as follows:

12.2 Compliance. The proposed *building* design shall comply with all of the following:

…

d. For new buildings, one of the following is met:

1. The *building envelope* complies with Section 5.5, “Prescriptive Building Envelope Compliance Path.”

2. Using Section 5.6, “Building Envelope Trade-Off Compliance Option,” the *proposed envelope performance factor* shall not exceed the *base envelope performance factor* by more than 15% in multifamily *residential*, hotel/motel, and dormitory *building* area types. For all other *building* area types, the limit shall be 7%. For *buildings* with both *residential* and *nonresidential* occupancies, the limit shall be based on the area-weighted average of the *gross conditioned floor area*. <u>The *building* zoning and geometry shall be modeled in accordance with either:</u>

   a. <u>Section C3.5.2, or,</u>
   b. <u>Table 12.5.1 Proposed Building Sections 7, 8, and 9. All components of the *building envelope* in the *proposed design* shall be modeled as shown on architectural drawings or as built for *existing building envelopes*. All *opaque building envelope* components shall be modeled accounting for thermal mass effects. Exterior surfaces whose azimuth *orientation* and tilt differ by less than 45 degrees and are otherwise the same shall be permitted to be described as either a single surface or by using multipliers.</u>

Revise Appendix G as follows:

G1.2.1 Mandatory Provisions. The proposed *building* design shall comply with all of the following:

…

e. For new buildings, one of the following shall be met:

1. The *building envelope* complies with Section 5.5, "Prescriptive Building Envelope Compliance Path."

2. Using Section 5.6, "Building Envelope Trade-Off Compliance Path," the *proposed envelope performance factor* shall not exceed the *base envelope performance factor* by more than 15% in multifamily *residential*, hotel/motel, and dormitory *building* area types. For all other *building* area types, the limit shall be 7%. For buildings with both *residential* and *nonresidential* occupancies, the limit shall be based on the area-weighted average of the *gross conditioned floor area*. The *building* zoning and geometry shall be modeled in accordance with either:

i. Section C3.5.2, or,
ii. Table G3.1 Proposed Building Sections 7, 8, and 9. All components of the building envelope in the *proposed design* shall be modeled as shown on architectural drawings or as built for *existing building envelopes*. All *opaque building envelope* components shall be modeled accounting for thermal mass effects. Exterior surfaces whose azimuth *orientation* and tilt differ by less than 45 degrees and are otherwise the same shall be permitted to be described as either a single surface or by using multipliers.

BSR/ASHRAE/IES Addendum h
to ANSI/ASHRAE/IES Standard 90.1-2025

Public Review Draft

Proposed Addendum h to Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

First Public Review (June 2026)
(Draft Shows Proposed Changes to Current Standard)

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FOREWORD

Addendum AE to the ASHRAE 90.1-2022 standard made a mistake in the $COP2_5$ efficiency valve for Split-Systems and Single-Package air-source HP air conditioners for the capacity range of ≥135,000 Btu/h and <240,000 Btu/h and the equivalent metric valves for Electric resistance (or none) and all other including dual fuel heat pumps was listed as 1.52 and should be 1.56 for both the IP and SI tables.

The same mistake was made for HP Condensing units air-source for the capacity range of ≥135,000 Btu/h and <240,000 Btu/h and the equivalent metric valves was listed as 1.52 and should be 1.56 for both the IP and SI tables.

This was a typo made when developing the new tables and has no impact on cost.

As the cost justification for the changes to the table were done as part of the original addendum AE. This addendum is just a correction so there is not impact on cost and energy savings.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) and yellow highlight is added to showcase the changes, except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum h to 90.1-2025

Make the following corrections to the I-P table 6.8.1.2 Rows not shown remain unchanged:

Table 6.8.1-2 Electrically Operated Air Source Unitary Heat Pumps – Minimum Efficiency requirements (I-P)

Equipment Type	Size Category	Heating Section Type	Subcategory	Minimum Efficiency [d]	Test Procedure[a]
HP Air-Source Unitary Three-Phase Air Cooled Air Conditioners					
	≥135,000 Btu/h and <240,000 Btu/h	*Electric resistance* (or none)	All U.S. and outside U.S. applications	10.6 *EER*, 13.5 *IEER* 3.30 COP_{H47}, 2.05 COP_{H17} before 1/1/2029 9.9 *EER2*, 13.1 *IVEC*, 1.99 $COP2_{H17}$, ~~1.52~~1.56 $COP2_{H5}$ [c] 6.00 *IVHE*, 5.71 $IVHE_C$ [c] on or after 1/1/2029	
		All other including dual fuel heat pumps [f]		10.4 *EER*, 13.3 *IEER* 3.30 COP_{H47}, 2.05 COP_{H17} before 1/1/2029 9.7 *EER2*, 13.1 *IVEC*, 1.99 $COP2_{H17}$, ~~1.52~~1.56 $COP2_{H5}$ [c] 6.00 *IVHE*, 5.68 $IVHE_C$ [c] on or after 1/1/2029	
HP Air-Source Air-Cooled *Condensing Unit* ≥135,000 Btu/h					
HP *Condensing units* air-source	≥135,000 Btu/h and <240,000 Btu/h	All	All U.S. and outside U.S. applications	No requirements before 1/1/2029 9.9 *EER2*, 13.1 *IVEC* 1.99 $COP2_{H17}$, ~~1.52~~1.56 $COP2_{H5}$ [c] 6.00 *IVHE*, 5.68 $IVHE_C$ [c] on or after 1/1/2029	AHRI 365 before 1/1/2029 AHRI 1365 on or after 1/1/2029

Make the following corrections to the SI table 6.8.1.2. Rows not shown remain unchanged:

Table 6.8.1-2 Electrically Operated Air Source Unitary Heat Pumps – Minimum Efficiency requirements (SI)

Equipment Type	Size Category	Heating Section Type	Subcategory	Minimum Efficiency [d]	Test Procedure[a]
HP Air-Source Unitary Three-Phase Air Cooled Air Conditioners					
	≥40 *kW* and <70 *kW*	*Electric resistance* (or none)	All U.S. and outside U.S. applications	3.11 COP_C, 3.90 $ICOP_C$ 3.30 COP_{H47}, 2.05 COP_{H17} before 1/1/2029 2.84 $COP2_C$, 3.84 *IVEC*, 1.99 $COP2_{H17}$, ~~1.52~~1.56 $COP2_{H5}$ [c] 1.76 *IVHE*, 1.67 $IVHE_C$ [c] on or after 1/1/2029	
		All other including dual fuel heat pumps [f]		2.93 COP_C, 3.90 $ICOP_C$ 3.30 COP_{H47}, 2.05 COP_{H17} before 1/1/2029 2.84 $COP2_C$, 3.84 *IVEC*, 1.99 $COP2_{H17}$, ~~1.52~~1.56 *C* $COP2_{H5}$ [c] 1.76 *IVHE*, 1.66 $IVHE_C$ [c] on or after 1/1/2029	
HP Air-Source Air-Cooled *Condensing Unit*≥40 *kW*					
HP *Condensing units* air-source	≥40 *kW* and <70 *kW*	All	All U.S. and outside U.S. applications	No requirements before 1/1/2029 2.90 $COP2_C$, 3.84 *IVEC* 1.99 $COP2_{H17}$, ~~1.52~~1.56 $COP2_{H5}$ [c] 1.76 *IVHE*, 1.67 $IVHE_C$ [c] on or after 1/1/2029	AHRI 365 before 1/1/2029 AHRI 1365 on or after 1/1/2029

BSR/ASHRAE/IES Addendum j
to ANSI/ASHRAE/IES Standard 90.1-2025

Public Review Draft

Proposed Addendum j to Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

First Public Review (June 2026)
(Draft Shows Proposed Changes to Current Standard)

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FOREWORD

This Addendum updates section 8.4.2 to provide greater clarity for branch circuits designated to control electrical receptacles and resolve earlier public comments received during the first public review of the ASHRAE/IES 90.1-2022 Addendum dg.

The addendum also addresses official interpretation requests regarding the terminology and definition of "workstation" and its applicability to the list of spaces required to install automatic receptacle controls.

To be more compatible with the changing nature of office furnishings, the word "workstation" has been replaced with "furniture with receptacles". Additionally, control of receptacles within office furniture is clarified to apply only to offices greater than 300 square feet (28 square meters).

These changes and clarifications do not change the standard's stringency or efficiency. Therefore, no cost-effective study was conducted.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum j to 90.1-2025

Add the following changes to section 8.4.2 and update subsequent sections

[…]

8.4.2 Automatic Receptacle Control. Automatic receptacle controls shall comply with the following:

a. In ~~private~~ offices, ~~open offices,~~ conference rooms, rooms used primarily for printing or copying functions, break rooms, and classrooms, ~~and individual workstations~~, 50% or more of the single-phase alternating current receptacles rated at 20 amps or less shall be *automatically* controlled in accordance with Section 8.4.2.1.

b. In offices greater than 300 ft^2 (28 m^2) 50% or more of the single-phase alternating current receptacles in furniture permanently connected to *branch circuits* shown on the *construction documents* shall be *automatically* controlled in accordance with Section 8.4.2.1.

c. In offices greater than 300 ft^2 (28 m^2) where furniture containing receptacles is not shown on

the *construction documents*, ~~N~~not less than 25% of the *branch circuits* designated for furniture with receptacles, ~~installed for receptacle outlets in modular furniture not shown on the *construction documents*,~~ shall be *automatically* controlled in accordance with Section 8.4.2.1.

d. Plug-in devices shall not be used to comply with Section 8.4.2.

e. All *automatically* controlled receptacles shall be permanently marked to visually differentiate them from uncontrolled receptacles and shall be uniformly distributed throughout the *space*.

f. Controlled receptacles shall be one of the following:

1~~a~~. Split controlled duplex receptacles with the top or left receptacle controlled.

2~~b~~. Installed within 6 ft of each uncontrolled receptacle.

Exceptions to 8.4.2: Receptacles for the following shall not require an *automatic control device*:

1. Receptacles specifically designated for *equipment* requiring 24/7 continuous operation.
2. *Spaces* where an *automatic* control would endanger the safety or security of the room or *building* occupants.

8.4.2.1 Automatic Receptacle Control Function: *Automatically* controlled receptacles or *branch circuits* used to control receptacles, shall not be controlled by *manual* lighting *controls*, except as permitted by Section 8.4.2.1(a). *Automatically* controlled receptacles or *branch circuits* used to control receptacles, shall be controlled by one or more of the following:

a. a time-of-day operated *control device* that turns receptacles off when the *space(s)* is scheduled to be unoccupied. An independent program schedule shall be provided for controlled areas of no more than 5,000 ft^2 (465 m^2) and for not more than one floor. The occupant shall be able to manually override the *control device* for up to two hours;

b. an *occupancy sensor* that turns receptacles off within 15 minutes of all occupants leaving a *space*; or

c. an automated signal from another *control* or alarm system that turns receptacles off within 15 minutes after determining that the area is unoccupied.

[…]

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

NSF/ANSI/CAN Standard
for Water Systems -

Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities

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Normative Annex 2

Test methods for the evaluation of filters

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N-2.9.3.7 Membrane filtration

Membrane systems shall meet the requirements of NSF/ANSI 419, with the following exceptions being permitted:

- NSF/ANSI 419, Section 4: Materials shall meet the requirements of NSF 50 Section 4
- NSF/ANSI 419, Section 6.1.2: A single complete system, with all associated components, is required to be tested
- NSF/ANSI 419, Section 6.7 and 6.8: membrane integrity tests before or after challenge testing are not required
- NSF/ANSI 419, Annex N-2.4: reporting requirements related to the system integrity evaluation, sensitivity of the direct integrity test (LRV_{DIT}), the theoretical performance of each module ($LRV_{ambient}$), the Quality Control Release Value, and non-destruction performance test, are not required.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Revision 2 changes are indicated by yellow highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
for Nutrition and Wellness –

Good Manufacturing Practices for Cosmetics

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4 Audit requirements

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4.4 Support

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4.4.34 Procedures ~~have been established~~ that describe the requirements for record retention shall be established. Original documents are archived in secured storage for ~~a defined duration~~ at least 12 months after the shelf life date, if shelf life dating is being used, or at least 24 months beyond the date of distribution of the last batch associated with those records ~~under secured storage~~. [ISO 22716:2007 §17.5]

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4.5 Operation

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4.5.29 Master manufacturing records (MMR) shall be prepared for each unique formulation and batch size of cosmetic product.

4.5.~~29~~30 Relevant documentation ~~is~~ shall be available at each stage of manufacturing operations; documentation includes suitable equipment, formula for the product, raw material list, and detailed manufacturing operations such as addition of raw materials, temperatures, mixing speeds and times, sampling, cleaning, sanitizing, and bulk product transfer. MMR shall include: [ISO 22716:2007 § 7.2.1, 7.2.5]

— name of the cosmetic product to be manufactured;
— a complete list of all raw material and packaging components to be used;
— strength, concentration, weight, or measure of each raw material for each batch size;
— statement of any intentional overage amount of a raw material;

— statement of theoretical yield (or range) expected at each point, step, or stage of the manufacturing process where control is needed, outside of which an investigation is necessary;
— identification of specifications for the points, steps, or stages in the manufacturing process where control is necessary;
— procedures for specific actions necessary to perform and verify points, steps, or stages in the manufacturing process where control is necessary (places for initials/signatures on each step for the performer and verifier);
— special notations or precautions to be followed;
— corrective actions if specifications are not met;
— references to appropriate SOPs, specifications, etc. if needed;
— procedures for collecting samples and a cross-reference to tests or examinations;
— a description of packaging and a representative label, or a cross-reference to the physical location of the actual or representative label and;
— appropriate review and approval signatures.

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~~**4.5.33** In-process controls and specifications have been established for in-process material and batches during production, and such tests and controls are performed. [ISO 22716:2007 § 7.2.5]~~

4.5.34 A batch production record (BPR) shall be prepared every time a batch of cosmetic product is manufactured.

4.5.35 BPRs shall follow the associated MMR with all steps being performed, and it shall contain complete information related to the production and control of the batch. BPR shall include:
— the batch, lot, or control number(s) of the finished batch;
— identification of equipment and process lines that were used in the production;
— the date and time of cleaning, sanitizing and maintenance of the equipment and processing lines used in production, or cross-reference to records where this information is retained;
— the lot number of each raw material used;
— identity and weight or measure of each raw material used;
— actual or representative label used in production;
— a statement of actual yield and a statement of theoretical yield at the appropriate stages;
— actual results of any monitoring operations;
— results of any testing or examination performed during the batch production (or cross-references to the results);
— documentation at the time of performance of the step, including the date and initials of each person performing the step;
— documentation at the time of performance by Quality the review of monitoring operations, test results and examinations, material reviews and disposition decisions.

4.5.36 The theoretical yield for a production batch shall be compared with the actual yield. [U.S. FDA Cosmetic GMP guidance]

~~**4.5.34**~~ **4.5.37** A system has been established to determine if all specifications have been met for in-process materials and batches during production. [ISO 22716:2007 § 7.2.5.2]

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~~**4.5.38**~~ **4.5.41** Relevant documentation is available at each stage of packaging operations; documentation includes suitable equipment, packaging material list, and detailed packaging operations such as filling, closing, labelling, and coding. Documentation shall contain complete information related to the production and control of the batch. [ISO 22716:2007 § 7.3.1]

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~~**4.5.49** The theoretical yield for a production batch is compared with the actual yield. [U.S. FDA Cosmetic GMP guidance]~~

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NSF/ANSI Standard
for Nutrition and Wellness –

Good Manufacturing Practices for Cosmetics

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4.5 Operation

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4.5.14 Specifications ~~have been~~ shall be established for raw materials, ingredients, labels, and packaging materials. Specifications for raw materials and ingredients include identity specification. [ISO 22716:2007 6.1]

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4.5.19 Materials are released prior to use in production by authorized personnel responsible for quality.
~~Raw materials and packaging components meet defined specifications.~~ [ISO 22716:2007 § 6.5.2]

4.5.20 Raw materials, ingredients, labels, and packaging materials meet defined specifications prior to use in production. Confirmation of compliance to specifications shall be conducted through appropriate tests or examinations. Confirmation may also be through the use a supplier's certificate of analysis (COA). COAs may only be used as evidence of identity if periodically verified on a defined timeline. The COA shall include a description of the test or examination method used, acceptance limits, and actual results.

4.5.~~20.~~21 ~~If a certificate of analysis (COA) is used to confirm the component, the supplier shall be qualified, and documentation shall be maintained for this qualification~~ If a supplier COA is used for confirmation of compliance to specifications, the reliability of the COA shall first be established through qualification of the supplier and confirmation of the results of the supplier's tests or examinations. Periodic requalification of the supplier and reconfirmation of the COA shall be performed. [ISO 22716:2007 6.5.3]

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

NSF/ANSI/CAN Standard for Drinking Water Additives –

Drinking Water System Components – Health Effects

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7.3.3 Additional requirements for reactivated/regenerated media

Only reactivation/regeneration facilities and equipment used to handle spent and reactivated/regenerated media, classified as potable or food grade, shall be used. Transportation containers, including storage vessels on vehicles, transfer hoses and other equipment in contact with the media, shall be suitably protected from environmental contamination and suitably cleaned, by evidence of wash-out tickets that are presented to the purchaser or certifying agency on demand.

Samples from each reactivated/regenerated batch of media shall be retained at the facility for a period of at least 2 yr, and be made available for analysis by the purchaser or a certification organization. Retained samples shall contain at least twice the weight in Table 7.2.

Commingled spent media shall be of comparable type and function.

Reactivation/regeneration facilities shall have written verification from each water system on a standardized form provided by the facility that each shipment of spent media to be processed meets the following criteria:

- the spent media shall have been used only for drinking water or potable water reuse applications intended for human consumption
- the spent media supplier is either:
    - a public water system as defined by US EPA regulations (40 CFR § 141.2 [3]), ~~or equivalent regulations in Canada or other countries where applicable~~
    - a direct or indirect potable water reuse facility producing water intended for human consumption and meeting all applicable water quality and treatment requirements of the National Primary Drinking Water Regulations (40 C.F.R. Part 141), or equivalent drinking water regulations in Canada or other applicable jurisdictions,

and operating under a regulatory framework requiring validated treatment performance, continuous monitoring, and enforceable operational controls

- the spent media shall not be a RCRA hazardous waste as defined by 40 CFR Part 261[3]
- the spent media is not classified as a hazardous waste in the facility's state, province, or territory
- the spent media shall not have knowingly been exposed to:
    - activated carbon: PCBs or dioxins[1]
    - other media: herbicides, pesticides, PCBs, dioxins, or DBCP.

The form shall also contain:

- the name and address of the water system supplying the spent media
- the identification of the type of media
- manufacturer or previous regeneration/reactivation facility of the original media
- trade designation of the original media
- mesh size
- compliance of the original media with this standard
- characterization of all regulated contaminants and other contaminants of concern that the media was exposed to
- a signed statement of attestation of the above.

Rationale: This change is being proposed as a result of an interpretation request to clarify that reuse applications can be certified to NSF/ANSI/CAN 61 when the reuse system operates under the appropriate regulatory oversight and demonstrates compliance with section 7.3.3.

[1] Criteria are derived from AWWA B605: *Reactivation of Granular Activated Carbon.*

BSR/UL 3300, Standard for Safety for Service, Communication, Information, Education and Entertainment Robots – SCIEE Robots

1. Clarification of ambient light conditions to use during testing (7.2.2.1)

Responses to comments have been posted within the UL 3300 Ballot & Commenting Work Area dated 2026-03-06. No changes have been made to the previously proposed revision.

Note that the recirculation of comments is intended solely to provide TC members with the opportunity to review the comments and responses and to either reconsider their vote or cast a first-time vote. New comments on the previously proposed revision for this Topic will not be provided with a specific response. Any additional desired changes should be submitted as a new proposal request via CSDS.

4. Modifications to clarify definition of "wet locations" and applicability of Exposure to moisture test (7.4.10), additional requirements for robots subjected to liquids via cleaning and wiping, and additional considerations for conditions that could cause sensor occlusion/blockage

Responses to comments have been posted within the UL 3300 Ballot & Commenting Work Area dated 2026-03-06. No changes have been made to the previously proposed revision.

Note that the recirculation of comments is intended solely to provide TC members with the opportunity to review the comments and responses and to either reconsider their vote or cast a first-time vote. New comments on the previously proposed revision for this Topic will not be provided with a specific response. Any additional desired changes should be submitted as a new proposal request via CSDS.

5. Additional requirements to address operation of SCIEE robots using remote controllers and pendants

Responses to comments have been posted within the UL 3300 Ballot & Commenting Work Area dated 2026-03-06. No changes have been made to the previously proposed revision.

Note that the recirculation of comments is intended solely to provide TC members with the opportunity to review the comments and responses and to either reconsider their vote or cast a first-time vote. New comments on the previously proposed revision for this Topic will not be provided with a specific response. Any additional desired changes should be submitted as a new proposal request via CSDS.

7. Additional manufacturer verification and validation test cases to account for variations in obstacle shapes and colors, traveling around humans, and robots employing AI in safety functions

PROPOSAL

2 Normative references

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

8.15 Artificial intelligence and machine learning

When artificial intelligence and machine learning is used in a safety-related function or could impact a safety-related function, it shall comply with the Outline of Investigation (OOI) UL 3115, Safety of AI-Based Products ~~Functional safety in 8.4. Correct operation of the AI/ML shall be considered in the test criteria of 8.4.5, Additional test cases to consider in functional safety verification and validation activities.~~

The requirements of OOI UL 3115, when applied to SCIEE robots, are tailored as follows:

- The requirements of OOI UL 3115, Requirements and Guidelines, shall be taken into consideration in the Functional Safety assessment in UL 3300;
- The AI-specific risks described in OOI UL 3115, Hazard identification and risk assessment (HARA) for AI integration, shall be taken into consideration in the Risk Assessment in UL 3300;
- References in OOI UL 3115 to regional standards or regulations outside of the United States and Canada (e.g., the EU AI Act) are not applicable; and
- References in OOI UL 3115 to standards or regulations in which SCIEE robots are out of scope (e.g., ISO 26262) are not applicable.

OOI UL 3115 does not apply to:

- Safety-related functions that do not incorporate artificial intelligence; or
- Functions that are not safety related.

Correct operation of the AI/ML shall be considered in the test criteria of 8.4.5, additional test cases to consider in functional safety verification and validation activities.

~~NOTE 1: See ISO/IEC TR 5469 for guidance.~~

NOTE ~~2~~1: An example of AI/ML used in a safety function is a robot with a manipulator that must correctly classify an object to determine whether it is permitted to grab that object.

NOTE ~~2~~3: This requirement does not apply if the robot employs AI/ML for performance features only, such as for audio/video interaction with human beings. However, if it is not possible to determine that the AI/ML is used for performance features only, this requirement applies.

BSR/UL 62841-2-14, Standard for Safety for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-14: Particular Requirements For Hand-Held Planers

1. Proposed adoption of Amendment 1 of the First Edition of IEC 62841-2-14:2015, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-14: Particular requirement for hand-held planers, as a revision of the First Edition of UL 62841-2-14.

PROPOSAL

Table 4
Required performance levels

Type and purpose of SCF	Minimum Performance Level (PL)
Power switch – prevent unwanted switch-on	c
Power switch – provide desired switch-off for **planers** with **lift-off device**	a
Power switch – provide desired switch-off for **planers** without **lift-off device**	b
Any electronic control to pass the test of 18.3	a
Overspeed prevention to prevent output speed above 130% of **rated no-load speed**	b
Provide desired direction of rotation	a
Prevent exceeding thermal limits as in ~~Clause~~ 18.4 and 18.5.3	a
Prevent self-resetting as required in 23.3	b
Lock-off function as required by 21.18.1.2	b

19.6 This subclause of Part 1 is applicable.

23 Components

This clause of Part 1 is applicable except as follows:

23.3 *Replacement of the first paragraph:*

Protection devices or circuits shall be of the non-self-resetting type unless the tool is equipped with a **momentary power switch** with no provision for being locked in the "on" position.

I.3.5.1 General

Addition:

For **battery** operated tools, the tests are conducted with the lightest **battery** in accordance with K.8.14.2 e) 2) of Part 1 that has sufficient capacity to complete the 15 measurements as specified in I.3.6.1 of Part 1, under the operating conditions described in Table I.101.