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CONTENTS

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Project Initiation Notification System (PINS)

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

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME B16.53-202x, High-Pressure Fittings for Cone-and-Thread Tubing (new standard)
Stakeholders: Manufacturers and Consumers

Project Need: Currently, there are no published standards for these connections, which have been in use for 70 years. However, in the last 20 years, the number of companies manufacturing these around the world have increased significantly. Failure of these connections in industry can result in the launch of small projectiles and the whipping of tubing during the failures. Knowledge of manufacturing standards for both male- and female-end preparations, tolerances, and material properties are critical to ensure the proper manufacture and safe operation of these systems.

Interest Categories: AC Designer/Constructor, AD Distributor, AF General Interest, AH Insurance/Inspection, AK Manufacturer, AM Material Manufacturer, AT Regulatory, AW User

This Standard covers pressure-temperature ratings, materials, dimensions, tolerances, marking, testing, and methods of designating openings for coned and threaded, high-pressure tubing and fitting connections. Included are requirements for tubing end preparations, female connections, glands, collars, and plugs.

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME B16.54-202x, Copper and Copper Alloy Press-Connect Pressure Fittings for Refrigerant Service (new standard)
Stakeholders: Manufacturers, consumers, and HVAC contractors

Project Need: This standard will cover press connection fittings for refrigeration use that is not currently covered by any performance and quality standard.

Interest Categories: AC Designer/Constructor, AD Distributor, AF General Interest, AH Insurance/Inspection, AK Manufacturer, AM Material Manufacturer, AT Regulatory, AW User

This Standard establishes requirements for copper and copper alloy press-connect pressure fittings for use with hard-drawn and annealed temper copper tube for piping systems conveying refrigerant for information and not part of the proposed scope statement. The standard intends to cover the following:
(a) Size designations;
(b) Pressure-temperature ratings;
(c) Terminology;
(d) Dimensions and tolerances;
(e) Materials;
(f) Design qualification;
(g) Required installation instructions; and
(h) Markings.

ASTM (ASTM International)

Lauren Daly <accreditation@astm.org> | 100 Barr Harbor Drive | West Conshohocken, PA 19428-2959 www.astm.org

New Standard

BSR/ASTM WK91970-202x, New Specification for In-Line Self-Calibrating Thermocouples (new standard)
Stakeholders: Thermocouples - Specifications Industry

Project Need: Incorporating new temperature measurement technologies within ASTM E20 temperature measurement standards.

Interest Categories: Producer, User, General Interest

This specification covers the requirements and construction of In-line Self-Calibrating Thermocouples.

AWI (Architectural Woodwork Institute)

Cheryl Dermyre <cdermyre@awinet.org> | 46179 Westlake Drive, Suite 120 | Potomac Falls, VA 20165-5874 www.awinet.org

Revision

BSR/AWI 0641-202x, Architectural Wood Casework (revision of ANSI/AWI 0641-2019)
Stakeholders: Woodwork Manufacturers, Suppliers, Design Professionals, General Contractors, Government, Trade Associations

Project Need: Provides aesthetic and performance standards for architectural wood casework designed and manufactured/supplied for specific construction projects.

Interest Categories: General Interest (20 – 45 percent) (trade): Public or private organizations or individuals that have an interest in the design or use of products associated with AWI standards, but neither produce nor use them directly (e.g., code officials, regulators, members of academia, governmental agencies, environmental NGOs, etc.)
User (20 – 45 percent) (trade): Organizations or individuals that use or specify the products associated with AWI standards (e.g., architects, distributors, fabricators, general contractors, consumers, etc.)
Producer (20 – 45 percent) (trade): Manufacturers of the wood products associated with AWI standards (e.g., manufacturers of wall surfacing, casework, interior trim, etc.)

Provide standards and tolerances for the quality and fit of Architectural Wood Casework and related interior finishes (henceforth referred to as “Product”).

AWS (American Welding Society)

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

Revision

BSR/AWS A5.13/A5.13M-202x, Specification for Surfacing Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.13/A5.13M-2024)
Stakeholders: Welding Industry

Project Need: Will revise to reflect current practices.

Interest Categories: Producers, Users, General Interest, and Distributors.

This specification prescribes the requirements for classification of surfacing electrodes for shielded metal arc welding. Classification is based upon the chemical composition of the deposited weld metal except for tungsten carbide electrodes, where classification is based on the mesh range, quantity, and composition of the tungsten carbide granules. A guide is appended to the specification as a source of information concerning the classification system employed and intended use of the classified electrodes. 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.

AWS (American Welding Society)

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

Revision

BSR/AWS A5.21/A5.21M-202x, Specification for Bare Electrodes and Rods for Surfacing (revision of ANSI/AWS A5.21/A5.21M-2024)
Stakeholders: Welding Industry

Project Need: Will revise to reflect current practices.

Interest Categories: Producers, Users, General Interest, and Distributors.

This specification prescribes the requirements for classification of bare (uncoated) solid wire as well as tubular electrodes and rods for weld surfacing. Solid surfacing electrodes and rods are classified on the basis of the composition of the material as manufactured. Metal-cored and flux-cored composite (tubular) surfacing electrodes and rods are classified on the basis of the chemical composition of the deposited weld metal. Tubular tungsten carbide bare rods are classified on the basis of the mesh range, quantity, and composition of the tungsten carbide granules. A guide is appended to the specification as a source of information concerning the characteristics and applications of the classified electrodes and rods.

AWS (American Welding Society)

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

Revision

BSR/AWS A5.22/A5.22M-202x, Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods (revision of ANSI/AWS A5.22/A5.22M-2024)
Stakeholders: Welding Industry

Project Need: Will revise to reflect current practices.

Interest Categories: Producers, Users, General Interest, and Distributors.

This specification prescribes the requirements for classification of numerous grades of flux-cored and metal-cored stainless steel electrodes and rods. Designations for the flux-cored electrodes and rods indicate the chemical composition of the weld metal, the position of welding, and the external shielding gas required (for those classifications for which one is required). Designations for the metal-cored electrodes indicate the chemical composition of the weld metal only. Additional requirements are included for testing and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the welding electrodes and rods. 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.

ESTA (Entertainment Services and Technology Association)

Richard Nix <standards@esta.org> | 271 Cadman Plaza, P.O. Box 23200 | Brooklyn, NY 11202-3200 www.esta.org

New Standard

BSR/E1.85-202x, Dimensional Requirements - Circular Locking Appliance Couplers for Entertainment Industry Applications (new standard)
Stakeholders: Custom and mass-market manufacturers, entertainment technicians and other users, equipment dealers and rental companies.

Project Need: These connector systems have gained popularity in entertainment applications over the past 10 years, despite having no standardized dimensional requirements to prevent plug and socket misalignment, connector mis-matching, and connector compatibility issues. Such lack of standards has resulted in increased risk of electrical shock due to misalignment of electrical contacts within the mated connectors. This project reduces those risks by establishing standardized physical, mechanical, and dimensional criteria.

Interest Categories: Mass market producers; Custom market producers; Designers; Dealer or rental companies; Users; General interest

This standard establishes dimensional interconnectivity requirements for certain circular locking appliance coupler systems specifically used in the entertainment industry.

ISA (Organization) (International Society of Automation)

Charley Robinson <crobinson@isa.org> | 3252 S. Miami Blvd, Suite 102 | Durham, NC 27703 www.isa.org

National Adoption

BSR/ISA 108.2-202x, Intelligent device management – Part 2: Requirements and recommendations (identical national adoption of IEC 63082-2:2024)
Stakeholders: All sectors of the process and related industries that use intelligent field devices in their processing operations.

Project Need: Adopt recently published IEC standard that ISA 108 members collaborated on.

Interest Categories: End users (asset owners), suppliers, general (consultants, academics), government/regulators, testing/certification, and architects/contractors/integrators.

To set forth work processes and implementation practices for systems that utilize information from intelligent field devices and the people who use them.

SCTE (Society of Cable Telecommunications Engineers)

Natasha Aden <naden@scte.org> | 140 Philips Road | Exton, PA 19341-1318 www.scte.org

Revision

BSR/SCTE 62 202x, Test Method: Noise Figure Testing Procedures (revision of ANSI/SCTE 62-2018)
Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producers, Users, General Interest

This procedure defines two methods of measurement for Noise Figure of active Cable Telecommunications equipment. It is intended for measurement of 75 Ω devices having type “F” or 5/8-24 KS connectors, and for the measurement of true broadband noise as opposed to narrowband disturbances. Test equipment characteristics limit this procedure to frequencies no lower than 10 MHz.

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 338-202X, Standard for Vehicle Theft Deterrent Equipment and Systems: Electronic Immobilization System and Aftermarket Installation Requirements (new standard)
Stakeholders: Manufacturers, AHJs, and consumers of both original equipment manufacturer (OEM) systems and aftermarket systems

Project Need: UL is seeking ANSI approval on the Standard for Vehicle Theft Deterrent Equipment and Systems: Electronic Immobilization System and Aftermarket Installation Requirements, UL 338, which covers both original equipment manufacturer (OEM) systems and aftermarket systems.

Interest Categories: Manufacturers, AHJs, general interest, testing & standards organizations, and consumers

The standard will cover the following items: passenger cars, SUVs, light-duty trucks and vans (under 6,850 lb), medium-duty vehicles (6,851 – 10,000 lb), heavy-duty vehicles (over 10,000 lb), heavy equipment, and motorcycles. Both original equipment manufacturer (OEM) and aftermarket systems shall meet the requirements of this standard. Electronic immobilization systems shall be passively armed, and once armed, they shall prevent the unauthorized movement of the vehicle under its own power. As an optional protection mechanism, these requirements cover the addition of alarm warning functions, where permitted, to the core immobilization system in order to protect the vehicle's contents and the electronic immobilization system. An electronic immobilization system consists of one or more assemblies of electrical components designed to prevent the unauthorized movement of the vehicle under its own power. Installation of the electronic aftermarket immobilization system shall be in accordance with the system manufacturer's instructions, and any accessory parts shall be per the specifications outlined by the aftermarket manufacturer using their licensed installers that are in good standing. All aftermarket manufacturers shall demonstrate their systems meet all applicable requirements with on-vehicle testing to verify they function as designed.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: September 29, 2024

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

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

Addenda

BSR/ASHRAE Addendum 62.1g-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum provides additional templates to document air-cleaning systems used in compliance with the indoor air quality procedure in Section 6.3.
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: September 29, 2024

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

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

Addenda

BSR/ASHRAE Addendum 62.1i-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
Table 7-1, Allowed Laboratory Test Methods, lists the following allowed test methods when measuring indoor concentrations of formaldehyde, acetaldehyde, and acetone under the Indoor Air Quality Procedure: ISO 16000-3, EPA TO-11, EPA IP-6, ASTM D5197. These listed methods utilize DNPH (2,4-Dinitrophenylhydrazine) coated cartridges to derivatize the ketone and aldehyde analytes followed by analysis using high-performance liquid chromatography (HPLC) and UV detection. The specified methods can potentially constrain engineers and testing agents when contracting a laboratory to process collected air samples, as locally available labs may not be equipped to follow the given standards. To ensure a wide pool of affordable testing options, Addendum i proposes a set of alternative testing methods when testing formaldehyde, acetaldehyde, and acetone. The availability of more affordable testing options, while maintaining rigorous testing standards, will potentially help lower the cost barriers to employing the IAQP in ventilation design.
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 | mweber@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.1q-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
This proposed addendum updates Table 6-5 and 6-6 related to the IAQ Procedure with information obtained from users of testing procedures for Design Compound. One Design Compound is removed (1,1,1-trichloroethane) and one has an updated Design Limit (AgBB LCI).
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

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME B16.26-202x, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26 -2018)
This Standard establishes specifications for cast copper alloy fittings and nuts used with flared seamless copper tube conforming to ASTM B88 (water and general plumbing systems). Included are requirements for the following:
(a) pressure ratings;
(b) size;
(c) marking;
(d) material;
(e) dimensions;
(f) threading; and
(g) hydrostatic testing.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Daniel Wiener <WienerD@asme.org>

Comment Deadline: September 29, 2024

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i143r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2023)
The physical, performance, and health effects requirements in this standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i144r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2023)
The physical, performance, and health effects requirements in this standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 2056-202x, Standard for Safety for Power Banks (new standard)
(1) The Proposed 1st Edition of the Standard for Safety for Power Banks, UL 2056, as a Joint National Standard for Canada and the United States.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1072-202x, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2024)
This standard covers the shielded and non-shielded medium-voltage power cables. Multiple-conductor cables may include one or more individually jacketed non-conductive optical-fiber members. These electrical and hybrid electrical and optical-fiber cables are for use in accordance with Article 328 and other applicable parts of the NFPA 70. As Single Input Wire (SIW) stranded conductors have become widely used in Medium Voltage cables manufactured for use in North America, this proposal includes the relevant requirements and standards governing their production.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 14, 2024

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 173-202x, Standard for Education, Training, Continuing Education, and Certification of Forensic Toxicology Laboratory Personnel (new standard)
This document provides minimum requirements for educational qualifications, training, competency, experience, continuing education, and certification of laboratory personnel performing, interpreting, or overseeing forensic toxicology analyses, as well as anyone performing breath alcohol instrument calibration. This applies to the following sub-disciplines: postmortem toxicology, human performance toxicology (e.g., drug-facilitated crimes and driving-under-the-influence of alcohol or drugs), non-regulated employment drug testing, and other forensic testing (e.g., court-ordered toxicology, general forensic toxicology). The following are outside the scope of this document: laboratory personnel that exclusively perform administrative or non-technical duties; individuals working as breath alcohol instrument operators; individuals performing calibration adjustments to breath alcohol instruments, individuals who solely perform instrument maintenance activities, or individuals engaged in expert consultation outside of a forensic toxicology laboratory.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA 1107-A19, Tolerance Specification for Form Milling Cutters (reaffirmation of ANSI/AGMA 1107-A19)
This standard provides specifications for nomenclature, dimensions, tolerances, and inspection for form milling cutters. Included in these are involute type, straight sided for rack or worm thread generation, form relieved, indexable carbide insert (ICI), and special form. This standard establishes a basis for understanding the use and manufacture of these form types of milling cutters.
Single copy price: $270.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

Comment Deadline: October 14, 2024

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA 2002-D19, Tooth Thickness and Backlash Measurement of Cylindrical Involute Gearing (reaffirmation of ANSI/AGMA 2002-D19)
This standard establishes the procedures for determining the specification limits for tooth thickness of external and internal cylindrical involute gearing. It includes equations and calculation procedures for the commonly used measuring methods. A specific tooth thickness specification limit can be established from the design thickness or from another tooth thickness measurement. The procedures can be used with an established design tooth thickness, or with actual tooth thickness dimensions. The effect of tooth geometric quality variations on tooth thickness dimensions is discussed. Calculations for backlash are included, and are based on the specified tooth thickness, center distance, and tolerances.
Single copy price: $380.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

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

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

Addenda

BSR/ASHRAE Addendum 62.1h-202x, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022)
Section 8 of ASHRAE Standard 62.1 addresses Operations and Maintenance of Ventilation Systems and related components. Ventilation systems that are not operated per design or maintained in good working order are subject to degraded performance of maintaining acceptable IAQ and potentially impacting energy use. ASHRAE/ACCA Standard 180 provides maintenance tasks for HVAC systems. A new table (Table 8-1), separate from Standard 180, is based on the requirements of 62.1 and could provide facility users with a list of inspection tasks that are important to maintaining acceptable IAQ. It is important to emphasize that this new table is based on inspection and not maintenance.
Single copy price: $35.00
Obtain an electronic copy from: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts
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 | cking@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum d to Standard 205-202x, Representation of Performance Data for HVAC&R and Other Facility Equipment (addenda to ANSI/ASHRAE Standard 205-2023)
This addendum generalizes the RS0001 representation specification to cover liquid-cooled, air-cooled, and evaporatively-cooled chillers. The representation specification title is changed from “Liquid-Cooled Chiller” to “Chiller” to reflect this broader scope.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

Comment Deadline: October 14, 2024

ASTM (ASTM International)

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

New Standard

BSR/ASTM F1755M-202x, SPECIFICATION FOR SOLID STATE BARGRAPH METERS FOR SHIPBOARD USE (METRIC) (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: Corice Leonard <accreditation@astm.org>

ASTM (ASTM International)

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

New Standard

BSR/ASTM F2361-202x, GUIDE FOR ORDERING LOW VOLTAGE (1000 VAC OR LESS) ALTERNATING CURRENT ELECTRIC MOTORS FOR SHIPBOARD SERVICEUP TO AND INCLUDING MOTORS OF 500 HORSEPOWER (new standard)
https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from: accreditation@astm.org
Send comments (copy psa@ansi.org) to: accreditation@astm.org

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C700-202x, Cold-Water Meters-Displacement Type, Metal Alloy Main Case (revision of ANSI/AWWA C700-2020)
This standard describes the various types and classes of cold-water displacement meters with metal alloy main cases, in sizes ½ in. (13 mm) through 2 in. (50 mm), and the materials and workmanship employed in their fabrication. The displacement meters described, known as nutating-disc or oscillating-piston meters, are positive in action because the pistons and discs displace or carry over a fixed quantity of water for each nutation or oscillation when operated under positive pressure.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

Comment Deadline: October 14, 2024

AWWA (American Water Works Association)
6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C701-202x, Cold-Water Meters- Turbine Type, for Customer Service (revision of ANSI/AWWA C701 -2019)
This standard describes the various classes of cold-water turbine meters in sizes ¾ in. (20 mm) through 20 in. (500 mm) for water supply customer service, mainline metering, and custody transfer of water among purveyors, and the materials and workmanship employed in their fabrication. The turbine meters described in this standard are divided into class I and class II meters. Both classes of meters register by recording the revolutions of a turbine set in motion by the force of flowing water striking its blades.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

AWWA (American Water Works Association)
6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C702-202x, Cold-Water Meters- Compound Type (revision of ANSI/AWWA C702-2019)
This standard describes the various types and classes of cold-water compound-type meters in sizes 2 in. (50 mm) through 8 in. (200 mm), and the materials and workmanship used in their fabrication. Compound meters shall consist of a combination of a turbine-type mainline meter for measuring high rates of flow and a bypass meter of an appropriate size for measuring low rates of flow. The compound meter shall have an automatic valve mechanism for diverting low rates of flow through the bypass meter.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

AWWA (American Water Works Association)
6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C703-202x, Cold-Water Meters- Fire-Service Type (revision of ANSI/AWWA C703-2019)
This standard describes the various types and classes of cold-water fire-service–type meters in sizes 3 in. (80 mm) through 10 in. (250 mm), and the materials and workmanship used in their fabrication.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

AWWA (American Water Works Association)
6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C704-202x, Propeller-Type Meters for Waterworks Applications (revision of ANSI/AWWA C704-2019)
This standard describes the various types and classes of propeller meters in sizes 2 in. (50 mm) through 72 in. (1,800 mm) for waterworks applications. These meters register by recording the revolutions of a propeller set in motion by the force of flowing water striking the blades.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

Comment Deadline: October 14, 2024

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C708-202x, Cold-Water Meters- Multijet Type (revision of ANSI/AWWA C708-2019)
This standard describes cold-water multijet meters in sizes 5/8 in. (15 mm) through 2 in. (50 mm) for water utilities' customer service and the materials and workmanship employed in their fabrication. These meters register by recording the revolutions of a rotor set in motion by the force of flowing water striking the blades.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C710-202x, Cold-Water Meters- Displacement Type, Plastic Main Case (revision of ANSI/AWWA C710 -2020)
This standard describes the various types and classes of cold-water displacement meters with plastic main cases, in sizes ½ in. (13 mm) through 1 in. (25 mm), for water utility customer service, and the materials and workmanship employed in their fabrication. The displacement meters described, known as nutating-disc or oscillating-piston meters, are positive in action because the pistons and discs displace or carry over a fixed quantity of water for each nutation or oscillation when operated under positive pressure.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C712-202x, Cold-Water Meters- Singlejet Type (revision of ANSI/AWWA C712-2019)
This standard describes the various types and classes of cold-water singlejet meters in sizes 5/8 in. (15 mm) through 6 in. (150 mm) for water utilities' customer service and the materials and workmanship employed in their fabrication. These meters register by recording the revolutions of a rotor powered by the force of flowing water striking its blades.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

Comment Deadline: October 14, 2024

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C713-202x, Cold-Water Meters- Fluidic-Oscillator Type (revision of ANSI/AWWA C713-2019)
This standard describes cold-water fluidic-oscillator meters with brass main cases in sizes ½ in. (13 mm) through 2 in. (50 mm), and the materials and workmanship employed in their fabrication. The basis for volume measurement is a transducer element that senses and utilizes fluidic oscillation rather than a moving measurement element, as required in traditional cold-water volumetric meters.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | mrohr@awwa.org, www.awwa.org

Revision

BSR/AWWA C714-202x, Cold-Water Meters for Residential Fire Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/AWWA C714-2019)
This standard describes cold-water meters used for residential fire sprinkler applications that meet the requirements of NFPA 13D in one- and two-family dwellings and manufactured homes, in sizes ¾ in. (20 mm) through 2 in. (50 mm), and the materials and workmanship employed in their fabrication.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-3-202x, Fixed capacitors for use in electronic equipment - Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte (identical national adoption of IEC 60384-3 ED7)
This specification applies to surface mount tantalum solid electrolyte capacitors. These capacitors are primarily intended to be mounted directly onto substrates for hybrid circuits or onto printed boards. The following two styles are considered:
Style 1: Protected capacitors;
Style 2: Unprotected capacitors.
Single copy price: $105.00
Obtain an electronic copy from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

Comment Deadline: October 14, 2024

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-9-202x, Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-9 ED5 and revision of ANSI/EIA 60384-9-2017)
This part of IEC 60384 is applicable to fixed capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 2), intended for use in electronic equipment, including leadless capacitors but excluding fixed surface-mount multilayer capacitors of ceramic dielectric, which are covered by IEC 60384-22 (Class 2). Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.
Single copy price: $108.00
Obtain an electronic copy from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-19-202x, Fixed capacitors for use in electronic equipment - Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-19 ED4 and revision of ANSI/EIA 60384-19-2017)
This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyethylene-terephthalate dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. This part of IEC 60384 specifies preferred ratings and characteristics, and selects from IEC 60384 -1:2021 the appropriate
Single copy price: $105.00
Obtain an electronic copy from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

Comment Deadline: October 14, 2024

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-20-202x, Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-20 ED4 and revision of ANSI/EIA 60384-20-2017)
This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyphenylene sulfide dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. This part of IEC 60384 specifies preferred ratings and characteristics, selects from IEC 60384-1:2021 the appropriate quality a
Single copy price: $105.00
Obtain an electronic copy from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

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

National Adoption

BSR/EIA 60384-23-202x, Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-23 ED3 and revision of ANSI/EIA 60384-23-2017)
This part of IEC 60384 specifies preferred ratings and characteristics applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyethylene naphthalate dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage.

Single copy price: $105.00
Obtain an electronic copy from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

Comment Deadline: October 14, 2024

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 62391-2-2014 (R202x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specfication - Electric double layer capacitors for power application (reaffirmation of ANSI/EIA 62391-2 -2014 (R2019))
This standard applies to electric double-layer capacitors for power application. Electric double-layer capacitors for power are intended for applications that require discharge currents in the range from mA to A. The characteristics of the capacitors include such performance as relatively high capacitance and low internal resistance, which is applicable to Class 3 of the measurement classification specified in IEC 62391-1.
Single copy price: $96.00
Obtain an electronic copy from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: 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 62391-2-1-2014 (R202x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2 -1: Blank detail specification - Electric double-layer capacitors for power application - Assessment level EZ (reaffirmation of ANSI/EIA 62391-2-1-2014 (R2019))
This standard provides blank detail specifications for electric double-layer capacitors for power application.
Single copy price: $78.00
Obtain an electronic copy from: https://store.accuristech.com
Send comments (copy psa@ansi.org) to: emikoski@ecianow.org

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

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

Revision

BSR/NBBPVI NB-23-202x, National Board Inspection Code (revision of ANSI/NBBPVI NB-23-2023)
First published in 1946, the National Board Inspection Code (NBIC) is an internationally recognized standard that governs and maintains rules for the installation, inspection, repair, and alteration of inservice pressure equipment. The NBIC is adopted into law by most US and Canadian jurisdictions. It is the basis for NBBI's four accreditation programs (R, VR, NR, and T/O) and is utilized by more than 5,200 repair organizations in over 60 countries.
Single copy price: Free
Obtain an electronic copy from: https://www.nationalboard.org/Index.aspx?pageID=4&ID=14
Send comments (copy psa@ansi.org) to: Jonathan Ellis <NBICSecretary@nbbi.org>

Comment Deadline: October 14, 2024

RESNET (Residential Energy Services Network, Inc.)

P.O. Box 4561, Oceanside, CA 92052 | rick.dixon@resnet.us, www.resnet.us.com

Addenda

BSR/RESNET/ICC 301-2022 Addendum D-202x, Appendix A Update (addenda to ANSI/RESNET/ICC 301-2022)
The project updates standard ANSI/RESNET/ICC 301-2022 Appendix A, Inspection Procedures for Insulation Grading and Assessment, by revising the grading system of the appendix and related sections of the standard.
Single copy price: $55.00
Obtain an electronic copy from: Download by following the "ANSI Standards & Amendments Out For Public Comment" link on webpage, https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/
Send comments (copy psa@ansi.org) to: RESNET using the online form for the draft at https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/, under link "ANSI Standards & Amendments Out For Public Comment"

SDI (ASC A250) (Steel Door Institute)

30200 Detroit Road, Westlake, OH 44145 | leh@wherryassoc.com, www.wherryassocsteeldoor.org

Revision

BSR A250.6-202x, Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames (revision of ANSI A250.6-2020)
The information contained herein pertains to doors and frames manufactured in accordance with ANSI/SDI A250.8 Specifications for Standard Steel Doors and Frames published by the Steel Door Institute. It is not intended to reference architecturally specified or specialized situations beyond the scope of this document of documents herein.
Single copy price: $45.00
Obtain an electronic copy from: info@steeldoor.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

New Standard

BSR/TAPPI T 827 om-202x, Box blank dimensioning (new standard)
This method can be used to determine the score-to-score dimensions of a box blank. Knowing box blank dimensions is an excellent way of determining box size, if scoring allowances are known. Accurate dimensions typically are a key specification in market transactions, and are required for understanding and modeling box performance. This method may be used for solid or corrugated fiberboard containers including all box designs, both diecut and scored and slotted.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 14, 2024

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

New Standard

BSR/TAPPI T 1014 om-202x2x, Moisture sensitivity of fiber glass mats (new standard)
This test method covers the determination of the moisture sensitivity of fiber glass mat binder systems.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 240 om-2020 (R202x), Consistency (concentration) of pulp suspensions (reaffirmation of ANSI/TAPPI T 240 om-2020)
This method describes the measurement of pulp consistency (concentration) of aqueous fiber suspensions.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 441 om-2020 (R202x), Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (reaffirmation of ANSI/TAPPI T 441 om-2020)
This method describes a procedure for determining the quantity of water absorbed by nonbibulous paper, paperboard, and corrugated fiberboard in a specified time under standardized conditions. It is based on studies by Cobb and Lowe, Cobb, and other investigators.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 455 sp-2014 (R202x), Identification of wire side of paper (reaffirmation of ANSI/TAPPI T 455 sp -2014 (R2020))
This method describes procedures for identifying the wire side of paper made on a fourdrinier paper machine with a single wire or forming fabric. The term “wire side” will be used throughout this method and relates to the side of the sheet made in contact to either the machine wire or forming fabric.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 14, 2024

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 515 om-2020 (R202x), Visual grading and color matching of paper (reaffirmation of ANSI/TAPPI T 515 om-2020)
This method describes the spectral, photometric, and geometric characteristics of a light source, the illuminating and viewing conditions, and the procedures to be used for the visual evaluation of color differences of paper, including those containing fluorescent whitening agents.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 530 om-2018 (R202x), Size test for paper by ink resistance (Hercules-type method) (reaffirmation of ANSI/TAPPI T 530 om-2018)
This method measures the resistance of paper to permeation of an aqueous penetrant and is a useful general purpose test for degree of sizing. It is applicable to most bleached, unbleached, and colored paper or boards which are surface sized and/or internally sized.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 804 om-2020 (R202x), Compression test of fiberboard shipping containers (reaffirmation of ANSI/TAPPI T 804 om-2020)
This method is used for measuring the ability of corrugated or solid fiber shipping containers to resist external compressive forces.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 830 om-2018 (R202x), Ink rub test of containerboard and corrugated board (reaffirmation of ANSI/TAPPI T 830 om-2018)
Ink rub testers are designed to evaluate the scuffing or rubbing resistance of an ink film or fiber surface on container board and corrugated board. A variety of tests may be made, including: dry rub; wet rub; heated rub; wet bleed or transfer; wet smear; and functional rub.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 14, 2024

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 843 om-2020 (R202x), Fluted edge crush of corrugating medium (rigid support method) (reaffirmation of ANSI/TAPPI T 843 om-2020)
This test evaluates the ability of corrugating medium to contribute to the compression strength of a corrugated box. It is a procedure for measuring the edgewise compression strength of a laboratory-fluted strip of corrugating medium in a direction parallel to the fluted tips.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 1205 sp-2014 (R202x), Dealing with suspect (outlying) test determinations (reaffirmation of ANSI/TAPPI T 1205 sp-2014 (R2020))
This TAPPI Standard Practice provides a procedure for judging whether suspect test determinations should be investigated further for possible rejection. A suspect determination (apparent outlier) is one that appears to deviate markedly from other determinations on the same sample of material. An outlying determination (outlier) is a suspect determination for which the deviation has, in fact, been found to be significant using an appropriate statistical test.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, Standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60335-2-8-202x, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (national adoption of IEC 60335-2-8 with modifications and revision of ANSI/UL 60335-2-8-2021)
Proposed 7th Edition of the Standard for Household & Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, & Similar Appliances.
Single copy price: Free
Obtain an electronic copy from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: October 14, 2024

ULSE (UL Standards & Engagement)
1603 Orrington Ave, Evanston, IL 60210 | alan.t.mcgrath@ul.org, https://ulse.org/

National Adoption

BSR/UL 60730-2-6-202X, Standard for Automatic Electrical Controls - Part 2-6: Particular Requirements for Automatic Electrical Pressure Sensing Controls Including Mechanical Requirements (national adoption of IEC 60730-2-6 with modifications and revision of ANSI/UL 60730-2-6-2021)
Proposed requirements for compressed hydrogen gas pressure sensing controls, Annex DVF.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions at: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)
100 Queen St. Suite 1040, Ottawa, ON K1P 1J9 | bahar.sammak@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 9-2015 (R202x), Standard for Fire Tests of Window Assemblies (reaffirmation of ANSI/UL 9-2015 (R2020))
Reaffirmation and continuance of the Eighth Edition of the Standard for Fire Tests of Window Assemblies, UL 9, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)
100 Queen St. Suite 1040, Ottawa, ON K1P 1J9 | bahar.sammak@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 10B-2015 (R202x), Standard for Fire Tests of Door Assemblies (reaffirmation of ANSI/UL 10B-2015 (R2020))
(1) Reaffirmation and continuance of the Tenth Edition of the Standard for Fire Tests of Door Assemblies, UL 10B, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Vickie.T.Hinton@ul.org, https://ulse.org/

Revision

BSR/UL 920004-202x, Standard for Safety for Performance Requirements for Open Path Toxic Gas Detectors (revision of ANSI/UL 920004-2014 (R2022))
This proposal is for the proposed new second edition to redesignate ANSI/ISA 92.00.04-2014 (R2022), Standard for Performance Requirements for Open Path Toxic Gas Detectors, as ANSI/UL 920004.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 29, 2024

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Reaffirmation

BSR/ASME B29.10M-1997 (R202x), Heavy Duty Offset Sidebar Power Transmission Roller Chains and Sprocket Teeth (reaffirmation of ANSI/ASME B29.10M-1997 (R2019))
This Standard covers chains with series of identical offset links in which the pins articulate inside the bushings and the rollers are free to turn on the bushings. Pins and bushings are fixed in their respective sidebar holes. This Standard includes general chain dimensions, M.U.T.S., strand length, measuring load, maximum and minimum controlling link dimensions, chain clearance dimensions, and sprocket tooth form factors.
Single copy price: $43.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Lydia Stanford

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B5.35-202x , Machine Mounting Specification Abrasive Discs and Plate-Mounted Wheels (stabilized maintenance of ANSI/ASME B5.35-1983 (R2018))
This Standard covers ANSI Standard practice for location and size of bolt holes for mounting abrasive discs and plate mounted wheels.
Single copy price: $36.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org□>

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 1937.3-202x, Standard for Flight Data Transmission of Civil Unmanned Aerial Vehicle Based on Short Message Mechanisms (new standard)
The content, the transmission protocol, and the transmission method of UAV flight supervision data based on Global Navigation Satellite System (GNSS) short message mechanisms are specified in this standard.
Single copy price: $56.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-1937-3-2024?product_id=2582473
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: October 29, 2024

IEEE (Institute of Electrical and Electronics Engineers)

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

Revision

BSR/IEEE 286-202x, Recommended Practice for Measurement of Power Factor Tip-Up of Electric Machinery Stator Coil Insulation (revision of ANSI/IEEE 286-2000 (R2012))
Covered in this recommended practice are power factor and power factor tip-up testing of stator coils and bars for use in large electric machinery. This document also defines power factor, tangent delta, dissipation factor, and conversions between these values.
Single copy price: $68.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-p286?product_id=2501710
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

ULSE (UL Standards & Engagement)

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

New Standard

BSR/UL 4900-202x, Standard for Safety for Micromobility Charging Equipment (new standard)
UL Standards & Engagement is proposing the first edition of the Standard for Micromobility Charging Equipment, UL 4900 as an American National Standard and a National Standard of Canada.
Single copy price: Free
Order 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 & Engagement)

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

Revision

BSR/UL 1951-202x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2020)
The requirements in this standard cover equipment connected to or used with plumbing in commercial or household locations. Examples of equipment covered by these requirements are irrigation equipment, sprinkler controls, pedicure spas, water controls located in kitchens and bathrooms, electric faucets, toilets, and toilet flushing systems. All equipment is intended for installation and use in accordance with NFPA 70, and is rated 600 volts or less. These requirements do not cover pumps, dishwashers, washing machines, or other equipment connected to plumbing that is covered by individual requirements. These requirements do not also cover refrigeration systems or controls that regulate water temperature, or equipment for use in hazardous locations as defined in NFPA 70.
Single copy price: Free
Order from: https://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions on the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject. Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to (psa@ansi.org).

B11 (B11 Standards, Inc.)

179 Haw Creek Mews Dr. , Asheville, NC 28805 | cfelinski@b11standards.org, https://www.b11standards.org/

New Technical Report

B11.TR0, Guide to Establishing a Machine Safety Process Using ANSI B11 Standards (technical report)
This technical report provides information on how to use ANSI consensus standards to establish an effective safety process for industrial machinery and equipment that meets or exceeds the minimum requirements specified in OSHA regulations. It also provides information on meeting the expectations of stakeholders such as employers and employees, etc. Guidelines for specific equipment types are contained in type-C (machine-specific) standards and will not be addressed as part of this technical report.
Send comments (copy psa@ansi.org) to: Chris Felinski <cfelinski@b11standards.org>

Project Withdrawn

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

ANS (American Nuclear Society)

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

BSR/ANS 2.22-202x, Environmental Radiological Monitoring at Operating Nuclear Facilities (new standard)
Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

CTA (Consumer Technology Association)

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

BSR/CTA 2047-A-202x, CE Energy Usage Information (CE-EUI) (new standard)
Send comments (copy psa@ansi.org) to: Catrina Akers <cakers@cta.tech>

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.

AGMA (American Gear Manufacturers Association)

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

ANSI/AGMA ISO 14104-A17 (R2024), Gears - Surface Temper Etch Inspection after Grinding, Chemical Method (reaffirm a national adoption ANSI/AGMA 2007-C00:1995/ISO 14104:1995 (R2013)) Final Action Date: 8/20/2024 | *Reaffirmation*

API (American Petroleum Institute)

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

ANSI/API MPMS Chapter 14.3.2, 5th Ed.-2016 (R2024), Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids - Concentric, Square-edged Orifice Meters - Part 2: Specification and Installation Requirements (reaffirmation of ANSI/API MPMS Chapter 14.3.2, 5th Ed.-2016) Final Action Date: 8/20/2024 | *Reaffirmation*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME MFC-6-2013 (R2024), Measurement of Fluid Flow in Pipes Using Vortex Flowmeters (reaffirmation of ANSI/ASME MFC-6-2013 (R2018)) Final Action Date: 8/21/2024 | *Reaffirmation*

ANSI/ASME MFC-5.1-2011 (R2024), Measurement of Liquid Flow in Closed Conduits Using Transit-Time Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5.1-2011 (R2018)) Final Action Date: 8/22/2024 | *Reaffirmation*

ANSI/ASME MFC-5.3-2013 (R2024), Measurement of Liquid Flow in Closed Conduits Using Doppler Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5.3-2013 (R2018)) Final Action Date: 8/21/2024 | *Reaffirmation*

ANSI/ASME B31.1-2024, Power Piping (revision of ANSI/ASME B31.1-2022) Final Action Date: 8/21/2024 | *Revision*

CTA (Consumer Technology Association)

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

ANSI/CTA 2054-2024, Specification for Selecting an Amplifier for Use with a Loudspeaker System (new standard) Final Action Date: 8/19/2024 | *New Standard*

ANSI/CTA 2034-B-2024, Standard Method of Measurement for In-Home Loudspeakers (revision of ANSI/CTA 2034-A -2015 (R2020)) Final Action Date: 8/19/2024 | *Revision*

ANSI/CTA 2099-A-2024, Standard Method of Measurement for Matching In-Home Amplifiers and Loudspeakers (revision of ANSI/CTA 2099-2022) Final Action Date: 8/20/2024 | *Revision*

HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | lynn@hl7.org, www.hl7.org

ANSI/HL7 CDAR 2.0 Online E1-2024, HL7 Clinical Document Architecture R2.0 Specification Online Navigation, Edition 2024 (revision of ANSI/HL7 CDA, R2.1-2019) Final Action Date: 8/20/2024 | *Revision*

HPS (ASC N13) (Health Physics Society)

950 Herndon Parkway, Suite 450, Herndon, VA 20170 | awride-graney@burkinc.com, www.hps.org

ANSI HPS N13.44 (R2024), Thyroid Phantom Used in Occupational Monitoring (reaffirmation of ANSI N13.44-2014) Final Action Date: 8/20/2024 | *Reaffirmation*

HPVA (Hardwood Plywood Veneer Association)

42777 Trade West Drive, Sterling, VA 20166 | Jhosen@decorativehardwoods.org, www.DecorativeHardwoods.org

ANSI/HPVA HP-1-2024, Standard for Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2020) Final Action Date: 8/20/2024 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

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

ANSI/IEEE 11073-10425-2024, Standard - Health informatics - Device Interoperability - Part 10425: Personal Health Device Communication - Device Specialization - Continuous Glucose Monitor (CGM) (new standard) Final Action Date: 8/26/2024 | *New Standard*

ANSI/IEEE C37.98-2024, Standard for Seismic Qualification Testing of Protective Relays and Auxiliaries for Nuclear Facilities (new standard) Final Action Date: 8/26/2024 | *New Standard*

IES (Illuminating Engineering Society)

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

ANSI/IES/NALMCO RP-36-24, Recommended Practice: Lighting Maintenance (revision of ANSI/IES/NALMCO RP-36 -2020) Final Action Date: 8/21/2024 | *Revision*

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

1750 K Street NW, Suite 460, Washington, DC 20006 | chris.merther@itsdf.org, www.indtrk.org

ANSI/ITSDF B56.8-2024, Safety Standard for Personnel and Burden Carriers (revision of ANSI/ITSDF B56.8-2019) Final Action Date: 8/26/2024 | *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 C12.10-2024, Physical Aspects of Electricity Meters-Safety Standard (revision of ANSI C12.10-2011 (R2021)) Final Action Date: 8/22/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 49-2024 (i180r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022) Final Action Date: 8/19/2024 | *Revision*

ANSI/NSF 49-2024 (i181r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2022) Final Action Date: 8/19/2024 | *Revision*

ANSI/NSF 455-3-2024 (i43r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2022) Final Action Date: 8/17/2024 | *Revision*

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 | naden@scte.org, www.scte.org

ANSI/SCTE 174-2018 (R2024), Radio Frequency over Glass (RFoG) Specification (reaffirmation of ANSI/SCTE 174-2018) Final Action Date: 8/26/2024 | *Reaffirmation*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-81-C-2024, FOTP-81 Compound Flow (Drip) Test for Filled Fiber Optic Cable (new standard) Final Action Date: 8/22/2024 | *New Standard*

ULSE (UL Standards & Engagement)

1603 Orrington Ave, Evanston, IL 60210 | alan.t.mcgrath@ul.org, https://ulse.org/

ANSI/UL 60730-2-15-2024, Standard for Automatic Electrical Controls - Part 2-15: Particular Requirements for Automatic Electrical Air Flow, Water Flow and Water Level Sensing Controls (national adoption of IEC 60730-2-15 with modifications and revision of ANSI/UL 60730-2-15-2019) Final Action Date: 7/22/2024 | *National Adoption*

ANSI/UL 498E-2020 (R2024), Standard for Attachment Plugs, Cord Connectors and Receptacles - Enclosure Types for Environmental Protection (reaffirmation of ANSI/UL 498E-2020) Final Action Date: 8/19/2024 | *Reaffirmation*

ANSI/UL 498M-2020 (R2024), Standard for Marine Shore Power Inlets (reaffirmation of ANSI/UL 498M-2020) Final Action Date: 8/20/2024 | *Reaffirmation*

ANSI/UL 231-2024, Standard for Power Outlets (revision of ANSI/UL 231-2022) Final Action Date: 8/22/2024 | *Revision*

ANSI/UL 507-2024, Standard for Electric Fans (revision of ANSI/UL 507-2023) Final Action Date: 8/22/2024 | *Revision*

ANSI/UL 2577-2024, Standard for Safety for Suspended Ceiling Power Grid Systems and Equipment (revision of ANSI/UL 2577-2017 (R2018)) Final Action Date: 8/21/2024 | *Revision*

ANSI/UL 4402-2024, Standard for Safety for Indoor Air Quality In Buildings and Facilities Utilized for the Cultivation, Production and Processing of Cannabis (revision of ANSI/UL 4402-2022) Final Action Date: 8/21/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

DirectTrustTM - DirectTrust.org, Inc.

Call for members: DS2023_06 - Interoperable Secure Cloud Fax (ISCF)

Are you interested in contributing to the development and maintenance of the Interoperable Secure Cloud Fax Consensus Body to enable exchange of authenticated, secured documents via facsimile containing health and other sensitive information to known trusted recipients?

DirectTrust is currently seeking members in the following categories:

- Healthcare Sector
- Government Sector
- Payer Sector
- Consumer Sector
- Social Care Sector
- General Interest and Advocacy
- Telecommunications Sector

If you are interested in joining the DS2023_06 Interoperable Secure Cloud Fax Consensus Body, contact Standards@DirectTrust.org.

Call for members: DS2022_05 - Privacy-Enhancing Health Record Locator Service Ecosystem (PEHRLS)

Are you interested in contributing to the development of a standard for a privacy-enhancing record locator service ecosystem?

This consensus body is currently seeking voting members in the following categories:

- Government Sector
- Payer Sector
- Consumer Sector
- General Interest and Advocacy Sector

If you are interested in joining the DS2022_05 - Privacy-Enhancing Health Record Locator Service Ecosystem (PEHRLS) Consensus Body, contact Standards@DirectTrust.org.

ANSI Accredited Standards Developer

ISEA - International Safety Equipment Association

Interest Categories are sought for:

Reaffirmation of ANSI/ISEA 101-2014 (R2019), Limited-Use and Disposable Coveralls – Size and Labeling Requirements; and

Reaffirmation of ANSI/ISEA 201-2019, Insulation and Wash Durability Classification of Apparel Used in Cold Work Environments

Please direct inquiries to:

ISEA (International Safety Equipment Association) 1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | hwoehrle@safetyequipment.org, www.isea.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

BSR/ASME B16.26-202x, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26-2018)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B16.53-202x, High-Pressure Fittings for Cone-and-Thread Tubing (new standard)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B16.54-202x, Copper and Copper Alloy Press-Connect Pressure Fittings for Refrigerant Service (new standard)

AWS (American Welding Society)

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

BSR/AWS A5.13/A5.13M-202x, Specification for Surfacing Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.13/A5.13M-2024)

AWS (American Welding Society)

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

BSR/AWS A5.21/A5.21M-202x, Specification for Bare Electrodes and Rods for Surfacing (revision of ANSI/AWS A5.21/A5.21M-2024)

AWS (American Welding Society)

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

BSR/AWS A5.22/A5.22M-202x, Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods (revision of ANSI/AWS A5.22/A5.22M-2024)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-3-202x, Fixed capacitors for use in electronic equipment - Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte (identical national adoption of IEC 60384-3 ED7)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-9-202x, Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-9 ED5 and revision of ANSI/EIA 60384-9-2017)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-19-202x, Fixed capacitors for use in electronic equipment - Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-19 ED4 and revision of ANSI/EIA 60384-19-2017)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-20-202x, Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-20 ED4 and revision of ANSI/EIA 60384-20-2017)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-23-202x, Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-23 ED3 and revision of ANSI/EIA 60384-23-2017)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 62391-2-2014 (R202x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specfication - Electric double layer capacitors for power application (reaffirmation of ANSI/EIA 62391-2 -2014 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 62391-2-1-2014 (R202x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2-1: Blank detail specification - Electric double-layer capacitors for power application - Assessment level EZ (reaffirmation of ANSI/EIA 62391-2-1-2014 (R2019))

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | standards@esta.org, www.esta.org

BSR/E1.85-202x, Dimensional Requirements - Circular Locking Appliance Couplers for Entertainment Industry Applications (new standard)
Interest Categories: The Electrical Power Working Group seeks new consensus body members in the following interest categories: Custom market producers; Designers; Dealer or rental companies; General interest. Interested parties send inquiries to standards@esta.org for details.

ISA (International Society of Automation)

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

BSR/ISA 108.2-202x, Intelligent device management - Part 2: Requirements and recommendations (identical national adoption of IEC 63082-2:2024)

NSF (NSF International)

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

BSR/NSF 14-202x (i143r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2023)

NSF (NSF International)

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

BSR/NSF 14-202x (i144r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2023)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 240 om-2020 (R202x), Consistency (concentration) of pulp suspensions (reaffirmation of ANSI/TAPPI T 240 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 441 om-2020 (R202x), Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (reaffirmation of ANSI/TAPPI T 441 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 455 sp-2014 (R202x), Identification of wire side of paper (reaffirmation of ANSI/TAPPI T 455 sp-2014 (R2020))

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 515 om-2020 (R202x), Visual grading and color matching of paper (reaffirmation of ANSI/TAPPI T 515 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 530 om-2018 (R202x), Size test for paper by ink resistance (Hercules-type method) (reaffirmation of ANSI/TAPPI T 530 om-2018)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 804 om-2020 (R202x), Compression test of fiberboard shipping containers (reaffirmation of ANSI/TAPPI T 804 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 827 om-202x, Box blank dimensioning (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 830 om-2018 (R202x), Ink rub test of containerboard and corrugated board (reaffirmation of ANSI/TAPPI T 830 om-2018)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 843 om-2020 (R202x), Fluted edge crush of corrugating medium (rigid support method) (reaffirmation of ANSI/TAPPI T 843 om-2020)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 1014 om-202x2x, Moisture sensitivity of fiber glass mats (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 1205 sp-2014 (R202x), Dealing with suspect (outlying) test determinations (reaffirmation of ANSI/TAPPI T 1205 sp-2014 (R2020))

ULSE (UL Standards & Engagement)

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

BSR/UL 9-2015 (R202x), Standard for Fire Tests of Window Assemblies (reaffirmation of ANSI/UL 9-2015 (R2020))

ULSE (UL Standards & Engagement)

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

BSR/UL 10B-2015 (R202x), Standard for Fire Tests of Door Assemblies (reaffirmation of ANSI/UL 10B-2015 (R2020))

ULSE (UL Standards & Engagement)

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

BSR/UL 1072-202x, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2024)
Interest Categories: ULSE is looking for participants in the following interest categories: Authorities Having Jurisdiction, Commercial/Industrial Users, Consumer, General Interest, Government, Supply Chain, and Testing and Standards Organization.

ULSE (UL Standards & Engagement)

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

BSR/UL 1951-202x, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2020)
Interest Categories: ULSE is looking for participants in the following interest categories: Commercial/Industrial Users, Consumer, General Interest, Government, and Supply Chain.

ULSE (UL Standards & Engagement)

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

BSR/UL 4900-202x, Standard for Safety for Micromobility Charging Equipment (new standard)

ULSE (UL Standards & Engagement)

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

BSR/UL 60335-2-8-202x, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (national adoption of IEC 60335-2-8 with modifications and revision of ANSI/UL 60335-2-8-2021)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

ATCC - American Type Culture Collection

Effective August 20, 2024

The reaccreditation of **ATCC - American Type Culture Collection** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ATCC-sponsored American National Standards, effective **August 20, 2024**. For additional information, please contact: Amber Day, American Type Culture Collection (ATCC) | 217 Perry Parkway, Suite 1, Gaithersburg, MD 20877 | (703) 365-2700, aday@atcc.org

Approval of Reaccreditation – ASD

CSA - CSA America Standards Inc.

Effective August 14, 2024

The reaccreditation of **CSA America Standards Inc.** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on CSA-sponsored American National Standards, effective **August 14, 2024**. For additional information, please contact: Peter Glowacki, CSA America, Inc. (CSA) | 178 Rexdale Boulevard, Toronto, Ontario M9W 1R3, Ontario M9W 1R3 | (416) 747-2602, peter.glowacki@csagroup.org

Approval of Reaccreditation – ASD

ISA (ASC Z133) - International Society of ArboricultureSafety in Tree Trimming Operations

Effective August 21, 2024

The reaccreditation of **International Society of Arboriculture** sponsored **ASC Z133, Safety in Tree Trimming Operations** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ISA (ASC Z133)-sponsored American National Standards, effective **August 21, 2024**. For additional information, please contact: Jamie Vidich, International Society of Arboriculture (ISA (ASC Z133)) | 270 Peachtree Street NW, Suite 1900, Atlanta, GA 30303 | (678) 367-0981, jvidich@isa-arbor.com

Approval of Reaccreditation – ASD

WIA (ASC O1) - Wood Industry AssociationSafety Requirements for Woodworking Machinery

Effective August 23, 2024

The reaccreditation of **Wood Industry Association**-sponsored **ASC O1, Safety Requirements for Woodworking Machinery** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on WIA (ASC O1)-sponsored American National Standards, effective **August 23, 2024**. For additional information, please contact: Nikki Augsburger, Wood Industry Association (WIA (ASC O1)) | 2331 Rock Spring Road, Forest Hill, MD 21050 | (443) 640-1052, nikki@woodindustry.org

Meeting Notices (Standards Developers)

ANSI Accredited Standards Developer

A3 - Association for Advancing Automation

Meeting Time: September 2024

ANSI-Accredited Standards Committee: R15.06, Industrial Robot Safety
Meeting Format & Location: Hybrid; In-person in Novi, Michigan; Remote via Microsoft Teams
Meeting Sponsor/Host: Universal Robots USA, Inc
Purpose: Resolve comments on draft part 3 of R15.06 (R15.06 parts 1 and 2 are the U.S. national adoption of ISO 10218 -1,2)
Day/Date/Time: Wednesday, September 18, 2024 at 1:00 p.m. through Friday, September 20, 2024 at 5:00 pm.

ANSI-Accredited Standards Committee: R15.08, Industrial Mobile Robot Safety
Meeting Format & Location: Hybrid; In-person in Novi, Michigan; Remote via Microsoft Teams
Meeting Sponsor/Host: Universal Robots USA, Inc
Purpose: Resolve comments on draft part 3 of R15.08
Day/Date/Time: Monday, September 16, 2024 at 10:00 a.m. through Wednesday, September 18, 2024 at 12:00 pm.

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PHTA (Pool and Hot Tub Alliance)

PRCA (Professional Ropes Course Association)

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.

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ASHRAE
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ECIA
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HL7
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HPS (ASC N13)
Health Physics Society
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HPVA
Hardwood Plywood Veneer Association
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www.DecorativeHardwoods.org

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IEEE
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IES
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ISA (Organization)
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ITSDF
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NBBPVI
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RESNET
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SCTE
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SDI (ASC A250)
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30200 Detroit Road
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Linda Hamill
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TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway, Suite 115
Peachtree Corners, GA 30092
www.tappi.org

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TIA
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ISO & IEC Draft International Standards

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

COMMENTS

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

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

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

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 4112, Cereals and pulses - Guidance on measurement of the temperature of grain stored in bulk - 11/9/2024, $46.00

Aircraft and space vehicles (TC 20)

ISO/DIS 2964, Aerospace - Tubing - Outside diameters and thicknesses - Metric dimensions - 11/9/2024, $29.00

Biotechnology (TC 276)

ISO/DIS 20070, Biotechnology - Biobanking - Requirements for sample containers for storing biological materials in biobanks - 11/7/2024, $67.00

Copper, lead and zinc ores and concentrates (TC 183)

ISO/DIS 13548, Copper, lead and zinc sulfide concentrates - Determination of fluorine content by sodium hydroxide fusion and fluoride ion selective electrode detection - 11/14/2024, $102.00

Corrosion of metals and alloys (TC 156)

ISO/DIS 9350, Corrosion of Metals and Alloys - Testing method for corrosion resistance for hafnium in the high temperature and pressure - 11/9/2024, $58.00

Fine ceramics (TC 206)

ISO/DIS 4255, Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at high temperature - Determination of uniaxial tensile properties of tubes - 11/7/2024, $93.00

Glass in building (TC 160)

ISO/DIS 16293-2, Glass in building - Basic soda lime silicate glass products - Part 2: Float glass - 11/9/2024, $58.00

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

ISO/DIS 19901-7, Oil and gas industries including lower carbon energy - Specific requirements for offshore structures - Part 7: Station-keeping systems for floating offshore structures and mobile offshore units - 11/9/2024, $194.00

Natural gas (TC 193)

ISO/DIS 17507-1, Natural gas - Calculation of methane number of gaseous fuels for reciprocating internal combustion engines - Part 1: MNc method - 11/10/2024, $107.00

ISO/DIS 17507-2, Natural gas - Calculation of methane number of gaseous fuels for reciprocating internal combustion engines - Part 2: PKI method - 11/10/2024, $82.00

Paints and varnishes (TC 35)

ISO/DIS 11125-5, Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 5: Determination of percentage defective particles and of microstructure - 11/8/2024, $33.00

Rare earth (TC 298)

ISO/DIS 5976, Rare earth - Determination of loss on ignition in rare earth products - Gravimetric method - 11/9/2024, $46.00

ISO/DIS 17887, Traceability of rare earths in the supply chain from separated products to permanent magnets - 11/14/2024, $67.00

ISO/DIS 24548, Rare earth - Determination of moisture content in rare earth products - Gravimetric method - 11/9/2024, $46.00

Refrigeration (TC 86)

ISO/DIS 18107, Variable refrigerant flow air-to-air conditioners and air-to-air heat pumps - Testing and calculating methods for seasonal performance factors - 11/7/2024, $175.00

Security (TC 292)

ISO/DIS 22373, Security and resilience - Authenticity, integrity and trust for products and documents - Framework for establishing trustworthy supply and value chains - 11/7/2024, $82.00

Ships and marine technology (TC 8)

ISO/DIS 21716-4, Ships and marine technology - Bioassay methods for screening anti-fouling paints - Part 4: Algae - 11/7/2024, $71.00

Solid Recovered Fuels (TC 300)

ISO/DIS 21660-2, Solid recovered fuels - Determination of moisture content using the oven dry method - Part 2: Determination of total moisture by a simplified method - 11/9/2024, $33.00

Steel (TC 17)

ISO/DIS 9556, Steel and iron - Determination of total carbon content - Infrared absorption method after combustion in an induction furnace - 11/9/2024, $62.00

Thermal insulation (TC 163)

ISO 12628:2022/DAmd 1, - Amendment 1: Thermal insulating products for building equipment and industrial installations - Determination of dimensions, squareness and linearity of preformed pipe insulation - Amendment 1 - 11/11/2024, $29.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 25389, Information technology - Safe framework - 11/7/2024, $88.00

ISO/IEC DIS 25390, Information technology - Financial information exchange - Simple binary encoding - 11/8/2024, $125.00

ISO/IEC DIS 19566-10/DAmd 1, - Amendment 1: Information technology - JPEG Systems - Part 10: Reference software - Amendment 1: Additional reference software implementations - 11/14/2024, $146.00

IEC Standards

91/1964/CDV, IEC 60068-2-88 ED1: Environmental Testing - Part 2-88: Tests - Test XD: Resistance of components and assemblies to liquid cleaning media, 11/15/2024

All-or-nothing electrical relays (TC 94)

94/1066(F)/FDIS, IEC 63522-32 ED1: Electrical relays - Tests and Measurements - Part 32: Acoustic Noise, 09/20/2024

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

100/4188/CD, IEC 63478-2 ED1: User's Quality of Experience (QoE) on Multimedia Conferencing Services - Part 2: Requirements, 10/18/2024

100/4189/NP, PNW 100-4189 ED1: Terminals for VR/AR/MR - Glossary of terms, 10/18/2024

100/4191/NP, PNW 100-4191 ED1: Terminals for VR/AR/MR - Consumer VR/AR/MR devices - Part 1: Reference model, 10/18/2024

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

46/1013/CD, IEC 62037-2/AMD1 ED2: Amendment 1 - Passive RF and microwave devices, intermodulation level measurement - Part 2: Measurement of passive intermodulation in coaxial cable assemblies, 10/18/2024

46/1014/CD, IEC 62037-4/AMD1 ED1: Amendment 1 - Passive RF and microwave devices, intermodulation level measurement - Part 4: Measurement of passive intermodulation in coaxial cables, 10/18/2024

46/1015/CD, IEC 62037-6/AMD1 ED2: Amendment 1 - Passive RF and microwave devices, intermodulation level measurement - Part 6: Measurement of passive intermodulation in antennas, 10/18/2024

Dependability (TC 56)

56/2059/FDIS, IEC 60300-3-10 ED2: Dependability management - Part 3-10: Application guide - Maintainability and maintenance, 10/04/2024

56/2058(F)/FDIS, IEC 62198 ED3: Managing risk in projects - Application guidelines, 09/13/2024

56/2060/NP, PNW 56-2060 ED1: Risk Analysis of change in Open Systems, 11/15/2024

Documentation and graphical symbols (TC 3)

3/1676/NP, PNW 3-1676 ED1: Industrial systems, installations and equipment and industrial products -- Structuring principles and reference designation -- Part 8: Properties, 09/20/2024

Electric cables (TC 20)

20/2194/FDIS, IEC 60331-4 ED1: Tests for electric cables under fire conditions - Circuit integrity - Part 4: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage higher than 1kV up to and including 30 kV, 10/04/2024

Electric traction equipment (TC 9)

9/3137/NP, PNW 9-3137 ED1: Railway Applications - Fixed Installations - Power SCADA (Supervisory Control and Data Acquisition System) for management of electric traction power supply system, 10/18/2024

Electrical Energy Storage (EES) Systems (TC 120)

120/376(F)/CDV, IEC 62933-3-1 ED1: Electrical energy storage (EES) systems - Part 3-1: Planning and performance assessment of electrical energy storage systems - General specification, 11/01/2024

Electrostatics (TC 101)

101/718(F)/FDIS, IEC 61340-4-9 ED3: Electrostatics - Part 4-9: Standard test methods for specific applications - Garments - Resistive Characterization, 09/13/2024

Fibre optics (TC 86)

86B/4938/CDV, IEC 61300-2-5/AMD1 ED4: Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion, 11/15/2024

86B/4939/CDV, IEC 61300-3-7/AMD1 ED3: Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-7: Examinations and measurements - Wavelength dependence of attenuation and return loss of single mode components, 11/15/2024

Fuses (TC 32)

32C/644/CDV, IEC 60127-9/Ed.1: Miniature fuses - Part 9: Miniature fuse-links for special applications with partial-range breaking capacity, 11/15/2024

High-voltage testing techniques (TC 42)

42/444/FDIS, IEC 60060-1 ED4: High-voltage test techniques - Part 1: General terminology and test requirements, 10/04/2024

Lamps and related equipment (TC 34)

34/1219/CD, IEC 63158-1 ED1: Equipment for general lighting purposes - Temporal light artefacts - Part 1: Objective test method for short term flicker severity, 11/15/2024

34/1220/CD, IEC 63158-2 ED1: Equipment for general lighting purposes - Temporal light artefacts - Part 2: Objective test method for stroboscopic effects, 11/15/2024

Laser equipment (TC 76)

76/759/NP, PNW TS 76-759 ED1: IEC TS 60825-13 Measurements for Classification of Laser Products, 11/15/2024

Performance of household electrical appliances (TC 59)

59L/269(F)/FDIS, IEC 63399 ED1: Household and similar electrical rice cookers - Methods for measuring the performance, 09/13/2024

Power electronics (TC 22)

22E/278/NP, PNW 22E-278 ED1: Bi-directional grid connected power converters - Part 3: EMC requirements and test methods, 10/18/2024

Printed Electronics (TC 119)

119/508/CD, IEC 60050-543 ED1: International Electrotechnical Vocabulary (IEV) - Part 543: Printed and Flexible Electronics, 10/18/2024

Rotating machinery (TC 2)

2/2208/CDV, IEC 60072-2 ED2: Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1000 and flange numbers 1180 to 2360, 11/15/2024

Safety of Electronic Equipment within the Field of Audio/Video, Information Technology and Communication Technology (TC 108)

108/828(F)/CDV, IEC 63315 ED1: Audio/Video, Information and Communication Technology Equipment - Safety - DC power transfer between ICT equipment ports using ICT wiring and cables at ≤ 60 V DC, 11/08/2024

Safety of household and similar electrical appliances (TC 61)

61/7278(F)/FDIS, IEC 60335-2-101 ED2: Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers, 09/06/2024

61/7281(F)/FDIS, IEC 60335-2-43 ED5: Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails, 09/13/2024

61/7293/NP, PNW 61-7293 ED1: Household and similar electrical appliances - Safety - Part 2-XXX: Particular requirements for pets care appliances, 11/15/2024

61/7294/NP, PNW 61-7294 ED1: Household and similar electrical appliances - Safety - Part 2-XXX: Particular requirements for electrical hangers, 11/15/2024

Solar photovoltaic energy systems (TC 82)

82/2298/CD, IEC 61853-2 ED2: Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements, 10/18/2024

82/2297/CD, IEC 62548-1/AMD1 ED1: Amendment 1 - Photovoltaic (PV) arrays - Part 1: Design requirements, 10/18/2024

Standard voltages, current ratings and frequencies (TC 8)

8A/174/NP, PNW TS 8A-174 ED1: PV integrated LVDC power system - collected leakage current limits and test procedures, 11/15/2024

Surface mounting technology (TC 91)

91/1981/CD, IEC 63516 ED1: Fixed folding durability test method for flexible opto-electric circuit boards, 11/15/2024

91/1980/NP, PNW 91-1980 ED1: Materials for printed boards and other interconnecting structures - Part 2-XX: Reinforced base materials clad and unclad - Non-halogenated modified or unmodified resin system, woven E-glass laminate sheets of defined dissipation factor (less than 0,005 at 10 GHz) and flammability (vertical burning test), copper-clad for high speed applications, 11/15/2024

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

121A/612(F)/CDV, IEC 60947-5-5 ED2: Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function, 11/08/2024

121/174/FDIS, IEC 62683-2-3 ED1: Product data and properties for information exchange - Engineering data - Part 2-3: Functional safety and reliability, 10/04/2024

Wearable electronic devices and technologies (TC 124)

124/287/NP, PNW 124-287 ED1: Future IEC 63203-302-1: Wearable electronic devices and technologies - Part 302-1: Materials - Test method for torsion of conductive stretchable films, 11/15/2024

124/288/NP, PNW 124-288 ED1: Future IEC 63203-303-1: Wearable electronic devices and technologies - Part 303-1: Materials - Test method for transmittance degradation and bistability of electrochromic films under UV exposure, 11/15/2024

Wind turbine generator systems (TC 88)

88/1046/NP, PNW PAS 88-1046 ED1: Wind Energy Generation Systems - Part 60-1: Validation of computations models for loads and power performance, 09/20/2024

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

Building construction machinery and equipment (TC 195)

ISO 21573-1:2024, Building construction machinery and equipment - Concrete pumps - Part 1: Commercial specifications, $166.00

Cleaning equipment for air and other gases (TC 142)

ISO 16890-3:2024, Air filters for general ventilation - Part 3: Determination of the gravimetric efficiency and the air flow resistance versus the mass of test dust captured, $166.00

Cranes (TC 96)

ISO 9374-4:2024, Cranes - Information to be provided - Part 4: Jib cranes, $124.00

Ergonomics (TC 159)

ISO 9241-5:2024, Ergonomics of human-system interaction - Part 5: Workstation layout and postural requirements, $194.00

Gas cylinders (TC 58)

ISO 15995:2021/Amd 1:2024, - Amendment 1: Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated - Amendment 1, $23.00

Geographic information/Geomatics (TC 211)

ISO 19164:2024, Geographic information - Indoor feature model, $223.00

Health Informatics (TC 215)

ISO/IEEE 11073-10421:2024, Health informatics - Device interoperability - Part 10421: Personal health device communication - Device specialization - Peak expiratory flow monitor (peak flow), $250.00

Healthcare organization management (TC 304)

ISO/PAS 23307:2024, Healthcare organization management - Pandemic response - Guidance for managing infected patients with respiratory infectious disease, $81.00

Industrial fans (TC 117)

ISO 13351:2024, Fans - Dimensions, $124.00

Project, programme and portfolio management (TC 258)

ISO 21512:2024, Project, programme and portfolio management - Earned value management implementation guidance, $278.00

Rubber and rubber products (TC 45)

ISO 5892:2024, Rubber building gaskets - Materials for preformed solid vulcanized structural gaskets - Specification, $81.00

Solid mineral fuels (TC 27)

ISO 562:2024, Hard coal and coke - Determination of volatile matter, $81.00

Steel (TC 17)

ISO 642:2024, Steel - Hardenability test by end quenching (Jominy test), $166.00

ISO 643:2024, Steels - Micrographic determination of the apparent grain size, $223.00

Sustainable development in communities (TC 268)

ISO 37153:2024, Smart community infrastructures - Maturity model for assessment and improvement, $194.00

ISO 37175:2024, Smart community infrastructures - Operation and maintenance of utility tunnels, $166.00

ISO 37176:2024, Smart community infrastructure - Responsiveness assessment and maturity model, $124.00

Textiles (TC 38)

ISO 12834:2024, Textiles - Synthetic filament yarns - Determination of dynamic thermal draw-force of partially oriented yarns (POY), $81.00

ISO 7211-2:2024, Textiles - Methods for analysis of woven fabrics construction - Part 2: Determination of number of threads per unit length, $54.00

ISO 22195-7:2024, Textiles - Determination of index ingredient from coloured textile - Part 7: Himalayan rhubarb, $81.00

ISO 22195-8:2024, Textiles - Determination of index ingredient from coloured textile - Part 8: Hibiscus, $81.00

Traditional Chinese medicine (TC 249)

ISO 8959:2024, Traditional Chinese medicine - Eucommia ulmoides stem bark, $124.00

ISO Technical Specifications

Information and documentation (TC 46)

ISO/TS 7538:2024, Functional requirements for disposition of records, $124.00

Nanotechnologies (TC 229)

ISO/TS 12901-1:2024, Nanotechnologies - Occupational risk management applied to engineered nanomaterials - Part 1: Principles and approaches, $223.00

ISO/IEC JTC 1, Information Technology

ISO/IEC/IEEE 8802-1Q:2024, Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 1Q: Bridges and bridged networks, $278.00

ISO/IEC TS 19568:2024, Programming Languages - C++ Extensions for Library Fundamentals, $250.00

IEC Standards

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

IEC 62841-3-15 Ed. 1.0 b:2024, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-15: Particular requirements for transportable magnetic drills, $245.00

IEC 62841-3-15 Ed. 1.0 en:2024 EXV, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-15: Particular requirements for transportable magnetic drills, $932.00

Safety of household and similar electrical appliances (TC 61)

IEC 60335-2-6 Ed. 7.0 b:2024, Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, $444.00

IEC 60335-2-6 Ed. 7.0 en:2024 CMV, Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, $889.00

IEC 60335-2-6 Ed. 7.0 en:2024 EXV, Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, $975.00

IEC 60335-2-6-EXV-CMV Ed. 7.0 en:2024 CMV, Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, $1677.00

IEC 60335-2-12 Ed. 6.0 b:2024, Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances, $193.00

IEC 60335-2-12 Ed. 6.0 en:2024 CMV, Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances, $386.00

IEC 60335-2-12 Ed. 6.0 en:2024 EXV, Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances, $975.00

IEC 60335-2-12-EXV-CMV Ed. 6.0 en:2024 CMV, Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances, $1238.00

IEC 60335-2-26 Ed. 5.0 b:2024, Household and similar electrical appliances - Safety - Part 2-26: Particular requirements for clocks, $148.00

IEC 60335-2-26 Ed. 5.0 en:2024 CMV, Household and similar electrical appliances - Safety - Part 2-26: Particular requirements for clocks, $297.00

IEC 60335-2-26 Ed. 5.0 en:2024 EXV, Household and similar electrical appliances - Safety - Part 2-26: Particular requirements for clocks, $975.00

IEC 60335-2-26-EXV-CMV Ed. 5.0 en:2024 CMV, Household and similar electrical appliances - Safety - Part 2-26: Particular requirements for clocks, $1135.00

Semiconductor devices (TC 47)

IEC 62047-47 Ed. 1.0 en:2024, Semiconductor devices - Micro-electromechanical devices - Part 47: Silicon based MEMS fabrication technology - Measurement method of bending strength of microstructures, $103.00

Small power transformers and reactors and special transformers and reactors (TC 96)

S+ IEC 61558-2-5-EXV-RLV Ed. 3.0 en:2024 (Redline version), Safety of transformers, reactors, power supply units and combinations thereof - Part 2-5: Particular requirements and test for transformer for shavers, power supply units for shavers and shaver supply units, $1072.00

Transmitting equipment for radio communication (TC 103)

IEC 62803-2 Ed. 1.0 en:2024, Transmitting and receiving equipment for radiocommunication - Frequency response of optical-to-electric conversion device in high-frequency radio-over-fibre systems - Part 2: Measurement method of common-mode rejection ratio of optical coherent detection device for radio-over-fibre transmitter, $103.00

IEC 62803-3 Ed. 1.0 en:2024, Transmitting and receiving equipment for radiocommunication - Frequency response of optical-to-electric conversion device in high-frequency radio-over-fibre systems - Part 3: Measurement method of non-linear response of optical-to-electric converter, $148.00

IEC Technical Specifications

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

IEC/TS 63428 Ed. 1.0 en:2024, Guidance on material circulation considerations in environmentally conscious design, $245.00

Industrial-process measurement and control (TC 65)

IEC/TS 61508-3-2 Ed. 1.0 en:2024, Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 3-2: Requirements and guidance in the use of mathematical and logical techniques for establishing exact properties of software and its documentation, $245.00

International Electrotechnical Commission (IEC)

USNC TAG Administrator - Organization Needed

Response Deadline: November 1, 2024

As the current Technical Advisor for TC 113 TAG will be stepping down at the end of this year, the USNC is looking for a new Technical Advisor (s) to take on this USNC TAG Technical Advisory role beginning January 1, 2025.

If individuals are interested in the position of USNC TAG Technical Advisor for the USNC TAG to IEC/TC 113, they are invited to contact Betty Barro at bbarro@ansi.org by November 1st, 2024.

Please see the scope for **the IEC/ TC 113** below:

Scope: **TC 113 - Nanotechnology for electrotechnical products and systems**

Standardization of the technologies relevant to electrotechnical products and systems in the field of nanotechnology in close cooperation with other committees of IEC and ISO

International Organization for Standardization (ISO)

Call for comment on ISO/IEC Guide 59:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 59:2019 – "ISO and IEC recommended practices for standardization by national bodies", which has the following scope statement:

This document provides recommended standardization practices that are intended to support the application of the following:
- the WTO TBT Committee decision on principles for the development of international standards, guides and recommendations (G/TBT/9, 13 November 2000);
- the WTO TBT Agreement's Code of Good Practice for the Preparation, Adoption and Application of Standards (Annex 3 of the 1995 WTO TBT Agreement).
This document is intended to be used by the national members of ISO and IEC, hereafter referred to as national bodies.

ANSI, is seeking U.S. Stakeholders' input on ISO/IEC Guide 59:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 59:2019 can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, October 18, 2024.**

Call for comment on ISO/IEC Guide 63:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 63:2019 – "Guide to the development and inclusion of aspects of safety in International Standards for medical devices", which has the following scope statement:

This document provides requirements and recommendations to writers of medical device standards on the inclusion of aspects related to safety in International Standards, based on well-established risk management concepts and methodology.
This document is applicable to any aspect related to the safety of people, property, the environment, or a combination of these.
In this document, the term "product" includes a medical device or a system consisting of one or more medical devices, possibly combined with non-medical devices.

ANSI, is seeking U.S. Stakeholders' input on ISO/IEC Guide 63:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 63:2019 can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, October 18, 2024.**

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 183 – Copper, lead, zinc and nickel ores and concentrates

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 183 – *Copper, lead, zinc and nickel ores and concentrates* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Australia (SA).

ISO/TC 183 operates under the following scope:

Standardization in the field of copper, lead, zinc and nickel ores and concentrates and smelter residues, including sampling, chemical analysis and physical testing.

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).

Call for U.S. TAG Administrator

ISO/TC 225 – Market, opinion and social research

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 225 – *Market, opinion and social research* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Spain (UNE).

ISO/TC 225 operates under the following scope:

Standardization of the requirements for organizations and professionals conducting market, opinion and social research.

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).

Call for U.S. TAG Administrator

ISO/TC 244 – Industrial furnaces and associated processing equipment

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 244 – *Industrial furnaces and associated processing equipment* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Japan (JISC).

ISO/TC 244 operates under the following scope:

Standardization of the requirements for industrial thermoprocessing equipment (e.g. heated enclosures such as furnaces, ovens, kilns, lehrs and dryers) and associated processing equipment. The scope includes, but is not limited to, requirements for safety, energy efficiency (including exergy), design, construction, operation, processes and quality control of processed material.

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

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 268 – Sustainable cities and communities

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 268 – *Sustainable cities and communities*, or any of the active Subcommittees, and therefore ANSI is not a member of these committees. The Secretariats for the committees are held by:
ISO/TC 268 – *Sustainable cities and communities*: France (AFNOR)
ISO/TC 268/SC 1 – *Smart community infrastructures*: Japan (JISC)
ISO/TC 268/SC 2 – *Sustainable cities and communities - Sustainable mobility and transportation*: Japan (JISC)

ISO/TC 268 operates under the following scope:

Standardization in the field of Sustainable Cities and Communities will include the development of requirements, frameworks, guidance and supporting techniques and tools related to the achievement of sustainable development considering smartness and resilience, to help all Cities and Communities and their interested parties in both rural and urban areas become more sustainable.

Note: TC 268 will contribute to the UN Sustainable Development Goals through its standardization work.

The proposed series of International Standards will encourage the development and implementation of holistic and integrated approaches to sustainable development and sustainability.

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

RadiusXR
Public Review: July 22 to October 22, 2024

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 g
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum g to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

First Public Review (August 2024)
(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 www.ashrae.org/standards-research--technology/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).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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ASHRAE, 180 Technology Parkway, Peachtree Corners, Georgia 30092

(This foreword is not part of this 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.)

FOREWORD

This proposed addendum provides additional templates to document air cleaning systems used in compliance with the indoor air quality procedure in Section 6.3.

[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 g to 62.1-2022

Modify Informative Appendix I as shown below.

I4. INDOOR AIR QUALITY PROCEDURE

Section 6.3 permits the use of this performance-based procedure to design ventilation systems. ~~This~~ The first template documents the design criteria and assumptions made when using this procedure and justification of the design approach, as required by Section 6.3.2. This template is also provided in the IAQP calculator (see Appendix F). The second template provides documentation for filtration and air cleaning using mechanical fibrous filters and/or sorbents, as required by Section 6.3.4. The third template covers the documentation for other types of filtration and air cleaning systems, excluding mechanical fibrous filters and/or sorbents, as required by Section 6.3.4.

…

1. IAQ Procedure Assumptions

Contaminant of Concern	Contaminant Source	Contaminant Strength	Contaminant Target Concentration			Perceived IAQ	Design Approach
			Limit	Exposure Period	Cognizant Authority Reference		
(Identify and list)	(Identify and list)	(Determine and list)	(List)	(List)	(List)	(Percentage of satisfied building occupants)	(Select from Section 6.3.4 and include

							justification.)

2. Documentation for filtration and air cleaning systems based on mechanical fibrous filters and/or sorbents.

Air Cleaning Test Method		
Type of Air Cleaning	**Approved Test Methods**	**Air Cleaner Efficiency Test Method (check all that apply)**
Particulate matter filters	MERV per ASHRAE Standard 52.2 or ISO 16890	☐ ASHRAE Standard 52.2 ☐ ISO 16890
Gas-phase air cleaners	Efficiency per ASHRAE Standard 145.2 or ISO 10121-2	☐ ASHRAE Standard 145.2 ☐ ISO 10121-2

3. Documentation for filtration and air cleaning systems, excluding mechanical fibrous filters and/or sorbents.

Air Cleaning Test Method		
Type of Air Cleaning	**Approved Test Methods**	**Air Cleaner Efficiency Test Method (check all that apply)**
Other air cleaners	Efficiency per ASHRAE Standards, other "national consensus standard" approved by AHJ, or "custom efficiency test" approved by AHJ	☐ ASHRAE Standard 52.2 ☐ ISO 16890 ☐ ASHRAE Standard 145.2 ☐ ISO 10121-2 ☐ National consensus standard approved by the local AHJ ☐ Custom efficiency test approved by the local AHJ

3.1 This section only applies if a "national consensus standard" is used to determine air cleaning efficiency.

National consensus standard(s) used: _____

Approval: AHJ _____ Approver name _____ Approval date _____

3.2 This section only applies if a "custom efficiency test" is used to determine air cleaning efficiency.

Testing requirements for each the design compounds (DCs) and PM2.5	Approved by AHJ
Conducted by third-party lab	☐ Yes (compliant) ☐ No (non-compliant)
Test of the background concentration without the air cleaning in operation	☐ Yes (compliant) ☐ No (non-compliant)
Test of the output concentration with the air cleaning in operation	☐ Yes (compliant) ☐ No (non-compliant)
Test conducted under air cleaning operating conditions that match the IAQP design operating conditions (include fan voltage, flow rate, and other settings that are consistent with the manufacturer's operating specifications)	☐ Yes (compliant) ☐ No (non-compliant)

<table>
<tr>
<td>Test conducted using the relevant laboratory methods for analysis and quantification specified in Tables 7-1 and 7-2.
<table>
<tr><th>Compound</th><th>Allowed Test Methods</th></tr>
<tr><td>VOCs except formaldehyde, acetaldehyde and acetone</td><td>ISO 16000-6; EPA IP-1, EPA TO-17; ISO 16017-1; ISO 16017-2; ASTM D6345-10</td></tr>
<tr><td>Formaldehyde, acetaldehyde and acetone</td><td>ISO 16000-3; EPA TO-11; EPA IP-6; ASTM D5197</td></tr>
<tr><td>Carbon monoxide</td><td>ISO 4224; EPA IP-3</td></tr>
</table>
<table>
<tr><th></th><th>Ozone</th><th>$PM_{2.5}$</th><th>Carbon Monoxide</th></tr>
<tr><td>Accuracy (±)</td><td>5 ppb</td><td>Greater of 5 µg /m^3 or 20% of reading</td><td>Greater of 3 ppm or 20% of reading</td></tr>
<tr><td>Resolution (±)</td><td>1 ppb</td><td>5 µg/m^3</td><td>1 ppm</td></tr>
</table>
</td>
<td>☐ Yes (compliant)
☐ No (non-compliant)</td>
</tr>
<tr>
<td>Ozone Generating Devices – UL 2998 certification for air-cleaning devices that generate ozone.</td>
<td>☐ Yes (compliant)
☐ No (non-compliant)</td>
</tr>
</table>

Approval: AHJ _____ Approver name _____ Approval date _____

BSR/ASHRAE Addendum i
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

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This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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(This foreword is not part of this 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.)

FOREWORD

Table 7-1 (Section 7.3.1 of ASHRAE 62.1-2019 Addendum aa) lists the following allowed test methods when measuring indoor concentrations of formaldehyde, acetaldehyde, and acetone under the Indoor Air Quality Procedure: ISO 16000-3, EPA TO-11, EPA IP-6, ASTM D5197. These listed methods utilize DNPH (2,4-Dinitrophenylhydrazine) coated cartridges to derivatize the ketone and aldehyde analytes followed by analysis using high-performance liquid chromatography (HPLC) and UV detection. The specified methods can potentially constrain engineers and testing agents when contracting a laboratory to process collected air samples, as locally available labs may not be equipped to follow the given standards. In order to ensure a wide pool of affordable testing options, the following proposes a set of alternative testing methods when testing formaldehyde, acetaldehyde, and acetone. The availability of more affordable testing options, while maintaining rigorous testing standards, will potentially help lower the cost barriers to employing the IAQP in ventilation design.

The proposed method for detecting formaldehyde uses a method based on the reaction of formaldehyde and acetyl-acetone (2,4-pentadione) and ammonia which produces the derivative 3,5-diacetyl-1,4-dihydrolutidine (DDL) followed by fluorescence detection. Although not as common in the US as the DNPH methods, it's widely used in Europe and has been compared with DNPH results with good agreement. The testing method is compliant with the California Air Resources Board's (CARB) § 93120, European DIN Standard EN-717, and ASTM methods D-5582 and E-1333. Data correlating the results of the AL4021 monitor with the DNPH method are available for review on the manufacturer's website at https://www.aero-laser.de/gas-analyzers/hcho-al4021/correlation-with-other-methods.html.

[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 i to 62.1-2022

Modify Table 7-1 and 7-2 as follows:

Table 7-1 Allowed Laboratory Test Methods

Compound	Allowed Test Methods
VOCs except formaldehyde, acetaldehyde and acetone	ISO 16000-6; EPA IP-1, EPA TO-17; ISO 16017-1; ISO 16017-2; ASTM D6345-10
Formaldehyde~~, acetaldehyde and acetone~~	ISO 16000-3; EPA TO-11; EPA IP-6; ASTM D5197 or testing method that is compliant with the California Air Resources Board's (CARB) § 93120
Acetaldehyde and acetone	ISO 16000-3; EPA TO-11; EPA IP-6; ASTM D5197
Carbon monoxide	ISO 4224; EPA IP-3

Table 7-2 Direct Reading Instruments Minimum Specifications

	Ozone	**$PM_{2.5}$**	**Carbon Monoxide**	**Formaldehyde (a)**
Accuracy (±)	5 ppb	Greater of 5 µg /m^3 or 20% of reading	Greater of 3 ppm or 20% of reading	0.1 ppb
Resolution (±)	1 ppb	5 µg/m^3	1 ppm	2% full scale within calibrated linearity range

Normative notes for Table 7-2:
a. Include the "calibrated linearity range" in all reports.

BSR/ASHRAE Addendum q
to ANSI/ASHRAE Standard 62.1-2022

Public Review Draft

Proposed Addendum q to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

First Public Review (August 2024)
(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 www.ashrae.org/standards-research--technology/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).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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FOREWORD

This proposed addendum updates Table 6-5 and 6-6 related to the IAQ Procedure with information obtained from users of testing procedures for Design Compound. One Design Compound is removed and one has an updated Design Limit.

1,1,1-trichloroethane is a banned compound and is difficult and expensive to source for testing. Supply is limited and committee consensus is that this compound is no longer found to level of concern in most buildings. This Design Compound is removed from Table 6-5 and 6-6.

The current Design Limit for Phenol is based on Cognizant Authority AgBB LCI 2015 Edition. The Committee for Health Related Evaluation of Building Products (Germany) which produced the AgBB listing changed the Design Limit for Phenol in the 2018 Edition from 10 µg/m3 to 70 µg/m3. With recognition of AgBB as a Cognizant Authority for Phenol, Table 6-5 is updated with latest relevant changes made by AgBB.

[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 q to 62.1-2022

Modify Table 6-5 and Table 6-6 as follows:

Table 6-5 Design Compounds, PM2.5, and Their Design Limits

Compound or PM2.5	Cognizant Authority	Design Limit
Acetaldehyde	Cal EPA CREL (June 2016)	140 µg/m^3
Acetone	AgBB LCI	1,200 µg/m^3
Benzene	Cal EPA CREL (June 2016)	3 µg/m^3
Dichloromethane	Cal EPA CREL (June 2016)	400 µg/m^3
Formaldehyde	Cal EPA 8-hour CREL (2004)	33 µg/m^3
Naphthalene	Cal EPA CREL (June 2016)	9 µg/m^3
Phenol	AgBB LCI	~~10~~70 µg/m^3
Tetrachloroethylene	Cal EPA CREL (June 2016)	35 µg/m^3
Toluene	Cal EPA CREL (June 2016)	300 µg/m^3
~~1,1,1-trichloroethane~~	~~Cal EPA CREL (June 2016)~~	~~1000 µg/m^3~~
Xylene, total	AgBB LCI	500 µg/m^3
Carbon monoxide	U.S. EPA NAAQS	9 ppm

PM2.5	U.S. EPA NAAQS (annual mean)	12 $\mu g/m^3$
Ozone	U.S. EPA NAAQS	70 ppb
Ammonia	Cal EPA CREL (June 2016)	200 $\mu g/m^3$

Table 6-6 Mixtures of Compounds

Upper Respiratory Tract Irritation	Eye Irritation	Central Nervous System
Acetaldehyde	Acetaldehyde	Acetone
Acetone	Acetone	Dichloromethane
Xylene, total	Formaldehyde	Xylene, total
Ozone	Xylene,total	~~1,1,1-trichloroethane~~
	Ozone	Toluene

Source: ACGIH (2017) (See Informative Appendix P, "Informative References").

Tracking Number 24-615

Proposal: Add shall, should and may definitions to ASME B16.26-2018

Rationale: The B16 Standards Committee has directed us to add shall, should and may definitions to all B16 standards. The Council on Standards and Certification policy reads:

> **CSP-64 Definitions for "Shall", "Should" and "May"**
> All ASME standards are required to use the following definitions for "shall", "should" and "may" or ensure that their current usage is consistent with the following:
> **Shall** - is used to denote a requirement;
> **Should** - is used to denote a recommendation;
> **May** - is used to denote permission, neither a requirement nor a recommendation.
>
> Proposed changes to B16.26-2018 are noted below.

Proposal: B16.26 - Add the definitions in a new section in the General Requirements. A review of the document revealed no improper usage, or the use of "must" in the document.

> **2.6 Definitions**
> ***May:*** **a term used to denote permission, neither a requirement nor a recommendation**
> ***Shall:*** **a term used to denote a requirement**
> ***Should:*** **a term used to denote a recommendation**

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MANDATORY APPENDIX I
REFERENCES

The following is a list of publications referenced in this Standard. Unless otherwise specified, the latest edition of ASME publications shall apply. Materials manufactured to other editions of the referenced ASTM standards shall be permitted to be used to manufacture fittings meeting the requirements of this Standard as long as the fitting manufacturer verifies the material meets the requirements of the referenced edition.

ASME B1.1, Unified Inch Screw Threads (UN and UNR Thread Form)
ASME B1.20.1, Pipe Threads, General Purpose (Inch)
Publisher: The American Society of Mechanical Engineers (ASME), Two Park Avenue, New York, NY 10016-5990 (www.asme.org)

ASTM B62-17, Standard Specification for Composition Bronze or Ounce Metal Castings
ASTM B88-2216, Standard Specification for Seamless Copper Water Tube
ASTM B584-2214, Standard Specification for Copper Alloy Sand Castings for General Applications
ASTM E29-2213, Standard Practice for Using Significant Digits in Test Data to Determine Conformance With Specifications
Publisher: American Society for Testing and Materials (ASTM International), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959 (www.astm.org)

ISO 9000:2015, Quality management systems — Fundamentals and vocabulary[1]
ISO 9001:2015, Quality management systems — Requirements[1]
ISO 9004:201809, Managing for the sustained success of an organization — A quality management approach[1]
Publisher: International Organization for Standardization (ISO), Central Secretariat, Chemin de Blandonnet 8, Case Postale 401, 1214 Vernier, Geneva, Switzerland (www.iso.org)

MSS SP-25-20183, Standard Marking System for Valves, Fittings, Flanges, and Unions
Publisher: Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS), 127 Park Street, NE, Vienna, VA 22180-4602 (www.msshq.org)

[1] May also be obtained from the American National Standards Institute (ANSI), 25 West 43rd Street, New York, NY 10036.

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NSF/ANSI Standard for Plastics —

Plastics Piping System Components and Related Materials

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9 Quality assurance

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9.10 Product-specific quality assurance requirements

Tables 9.2 through 9.40 provide product-specific quality assurance requirements.

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Table 9.13
PVC pipe test frequency

Test	Potable water [a]	DWV	DWV (3.25" OD)	DWV cellular core	Sewer	Well casing [~~b~~a]
acetone	annually	—	annually	annually	annually	—
bond	—	—	—	weekly	—	—
burst pressure [~~c~~b]	24 h [~~d~~c]	—	—	—	—	—
deflection load and crush	—	annually	annually	—	—	annually
cellular structure	—	—	—	annually	—	—
dimensions						
pipe outside diameter	2 h	2 h	2 h	2 h	2 h	2 h
pipe wall thickness	2 h	2 h	2 h	2 h	2 h	2 h
pipe out-of-roundness	2 h	2 h	2 h	2 h	2 h	2 h
flattening resistance	annually	—	annually	annually	annually	—
impact resistance at 0 °C (32 °F) [~~d~~c]	24 h [~~e~~d]	—	—	—	—	24 h [~~b~~a]
impact at 22.8 °C (73 °F) [~~a,c,~~db,c]	24 h [e]	24 h	24 h	24 h	24 h	—
joint tightness	—	—	—	—	annually	—
stiffness	—	annually	annually	annually	annually	annually
sustained pressure	annually	—	—	—	—	—
tup puncture resistance	—	—	—	—	—	annually
product standard(s)	ASTM D1785, ASTM D2241, CSA B137.3	ASTM D2665	ASTM D2949	ASTM F891, ASTM F3128	ASTM D2729, ASTM D3034, ASTM F679	ASTM F480

[a] Impact testing shall be in accordance with ASTM F480 as referenced in Section 2 of this standard and the specified impact classification of IC-1, IC-2, or IC-3.

[b] Test does not apply to CSA B137.3.

[c] If one material is continuously used in several machines or sizes, then when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.

[d] Test only applies to CSA B137.3 products.

[e] 23 °C (73 °F) impact applies only to products produced under ASTM D2241 as referenced in Section 2 of this standard.

~~[a] 23 °C (73 °F) impact applies only to products produced under ASTM D2241 as referenced in Section 2 of this standard.~~

~~[b] Impact testing shall be in accordance with ASTM F480 as referenced in Section 2 of this standard and the specified impact classification of IC-1, IC-2, or IC-3.~~

[c] ~~Test does not apply to CSA B137.3.~~

[d] ~~If one material is continuously used in several machines or sizes, then when a steady state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.~~

[e] ~~Test only applies to CSA B137.3 products.~~

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Rationale:

This ballot:

- ***Changes the location of footnote "a" from the "Potable water" column header and the "Impact at 22.8 °C (73 °F)" cell in the "Test" column to the "Wall casing" column header and the "24 h" cell in that column. The original placement could be interpreted as meaning that the impact test at 22.8 °C (73 °F) applies only to products certified to ASTM D2241 and not other standards in the table beyond those associated with potable water.***
- ***Rearranges the order of the remaining footnotes.***

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

NSF/ANSI Standard for Plastics —

Plastics Piping System Components and Related Materials

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2 Normative references

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2.1 Normative references for plastic pipe and related components

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ASTM F3497-21, *Standard Test Method for Evaluating the Oxidative Resistance of Polypropylene (PP) Piping Systems to Hot Chlorinated Water*[5]

***Rationale*: Adds a normative reference to ASTM F3497 which is newly referenced in Section 5.7.**

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5 Physical and performance requirements

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5.7 Chlorine resistance – Oxidative equivalency requirements

For a material that already has a chlorine resistance classification (denoted original material), oxidative equivalency is required on pipe or material comprised of a different color from the original material or when the production site differs from that of the original material. When the pipe or material production site differs from that of the original material, a minimum of one color shall be selected from the production site being assessed.

This requirement does not apply to changes in color of an external, coextruded polymer layer which is separate and distinct from the pipe polymer matrix.

Qualified pipe shall meet the minimum requirements of Sections 5.7.1, 5.7.2, or 5.7.3. Testing shall be conducted per ASTM F2023 for PEX and PE-RT material. Testing shall be conducted per ASTM F3497 for PP material. Failures shall be Stage III oxidative failure. Other failure modes shall be considered invalid, and the testing shall be repeated.

NOTE — The generation of other failure modes may require a reduction in test stress to obtain Stage III oxidative failures.

[5] ASTM International. 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959. <www.astm.org>

5.7.1 Solid wall pipe with optional inner or outer polymeric layer

— test three specimens ~~three data points~~ at one hoop stress level at one of the temperature conditions as for the original data set;

— test two specimens ~~two data points~~ at a second hoop stress level at least 80 psi lower than the first stress level and at the same temperature conditions as for the first stress level;

— calculate the 95% lower prediction limit (LPL) ~~shall be calculated~~ for the original material data at these temperatures / stress conditions; and

— all five data points ~~(failure times)~~ shall meet or exceed the 95% LPL for that condition.

5.7.2 Pipe with middle polymeric layer

— test five specimens ~~five data points~~ at one hoop stress level at the highest temperature conditions as for the original data set;

— calculate the 95% LPL ~~shall be calculated~~ for the original material data at these temperatures / stress conditions; and

— all five data points ~~(failure times)~~ shall meet or exceed the 95% LPL for that condition.

~~The hoop stress level shall be chosen so that there are no mixed mode failures. In the occurrence of such failures, the testing shall be repeated at a lower stress that would generate brittle failures.~~

5.7.3 Pipe with middle metal layer

— test two specimens ~~two data points~~ at the highest pressure~~/~~ and temperature conditions (for example 115 °C/60 psi) as for the solid wall data set of the polymeric material in the composite pipe;

— test two specimens ~~two data points~~ at a pressure condition higher than above but at the next lower temperature condition (for example 105 °C/80 psi) as for the solid wall data set of the polymeric material in the composite pipe. Pressures shall be separated by at least 20 psi; and

— all four data points shall meet or exceed the EFT of the inner layer at each of the conditions. The EFT of the inner layer shall be calculated in accordance with ASTM F1281 for PEX or ASTM F1282 for PE.

***Rationale*: The proposed changes to Section 5.7:**

- ***Add active voice (action phrases) as the current wording describes only the data points required.***
- ***Change "data points" to "specimens" to clarify the testing protocol.***
- ***Clarify the source of the EFT calculation for metallic composite pipe.***

BSR/UL 2056, Standard for Safety for Power Banks

1. The Proposed 1st Edition of the Standard for Safety for Power Banks, UL 2056 as a Joint National Standard for Canada and the United States.

7.1 Power banks are to be tested as described in Sections 11 – 25. The Forced-Discharge Test, Section 14, is applicable only to power banks with cells in multicell series applications.

~~*Exception: Internal battery modules complying with UL 2054 are exempt from the electrical test items in Sections 11 – 14.*~~

18.5 During the test, the samples shall not vent, explode, or catch fire. After this test, the cheesecloth and tissue paper shall remain intact (e.g. no discoloration or minor charring). The cell casing temperature shall not exceed the manufacturer's recommended maximum temperature.

Standard: UL 1072
Standard Title: Standard for Medium-Voltage Power Cables

Date of Proposal: August 30, 2024
Ballots & Comments Due: September 30, 2024

SUMMARY OF TOPICS

The following changes in requirements are being proposed for your review:

Topic 1. Addition of Requirements of Single Input Wire (SIW) Stranded Conductors

Need access to the full standard or a standard this proposal references? Click here to learn more about accessing UL and ULC Standards. TC Members can find the latest copy of the standard from the My TCs page in CSDS.

UL Standards & Engagement's goal is to have no interest category comprise more than one-third of the TC membership balance. To improve the current balance for TC 1072, UL Standards & Engagement is looking for participants in the following interest categories: Authorities Having Jurisdiction, Commercial/Industrial Users, Consumer, General Interest, Government, Supply Chain, Testing and Standards Organization. Definitions for these interest categories are available here (page 8).

If you are interested in applying for membership or are aware of potential candidates, please complete an application or forward this link on to potential candidates.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

Topic 1. Addition of Requirements of Single Input Wire (SIW) Stranded Conductors

RATIONALE

Proposal submitted by: Paul Knapp, UL Solutions.

Single Input Wire (SIW) stranded conductors have become widely used in Medium Voltage cables manufactured for use in North America, offering many benefits to cable producers. This proposal includes the relevant requirements and standards governing their production. Additionally, editorial changes have been made to replace references to UL 1581 with references to UL 2556 where applicable. The proposed new references are also added to the list of Referenced Publications in Section 3.

PROPOSAL

3 Referenced Publications

ASTM B801, *Standard Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation*

ASTM B835, *Standard Specification for Compact Round Stranded Copper Conductors Using Single Input Wire Construction*

ASTM B836, *Standard Specification for Compact Round Stranded Aluminum Conductors Using Single Input Wire Construction*

ASTM B901, *Standard Specification for Compressed Round Stranded Aluminum Conductors Using Single Input Wire Construction*

ASTM B902/B902M, *Standard Specification for Compressed Round Stranded Copper Conductors, Hard, Medium-Hard, or Soft Using Single Input Wire Construction*

UL 2556, *Wire and Cable Test Methods*

6 Materials

6.2 An individual conductor shall not be smaller than 8 AWG (8.367 mm^2) and shall not be larger than 2000 kcmil or 113 mm^2. ~~The nominal cross-sectional area of a conductor is indicated in Table 20.1 of UL 1581.~~

7 Resistance

7.1 The direct-current resistance of any length of conductor in ohms per thousand conductor feet or in ohms per conductor kilometer shall not be higher than the maximum (nominal x 1.02) resistance indicated in the applicable table in D-C Conductor Resistance, Section 30 of UL 1581, at 20°C (68°F) or at 25°C (77°F) when measured as described in D-C ~~Conductor~~ Resistance, ~~Section 220 of UL 1581~~ of UL 2556, ~~except that the equipment selected shall be accurate to within 0.5 percent of the value read.~~ If, as provided for in 11.2, metal-coated wires are used in only the outer layer of an uncoated copper conductor, the direct-current resistance of the resulting conductor shall not exceed the value tabulated for an uncoated conductor of the same size and construction. See 7.2 for cabling factors applicable to multiple-conductor cables.

8 Conductor Diameter

8.1 The nominal, maximum (1.01 x nominal), and minimum (0.98 x nominal) diameters of solid and stranded conductors are shown in Tables 20.1, 20.2, 20.3, 20.3.1, 20.4, and 20.6 of UL 1581. Conductor diameter is to be measured using the method shown in Conductor Diameter, ~~Section 200 of UL 1581~~ of UL 2556.

9 Stranding

9.1 Each conductor shall be solid: concentric-lay-stranded (in this standard, this term includes compressed-stranded and compact-stranded), with at least the number of strands indicated in Table 9.1, or shall be rope-lay-stranded. The outer layer shall be left-hand in all cases. Copper wires (strands) smaller than 36 AWG (0.005 inch or 0.127 mm in diameter) and aluminum wires (strands) smaller than 22 AWG (0.0253 inch or 0.642 mm in diameter) shall not be used. Single Input Wire (SIW) stranded conductors shall be in accordance with ASTM B801, ASTM B835, ASTM B836, ASTM B901, or ASTM B902/B902M.

Table 9.1
Conductor stranding

Conductor size	Number of strands in combination unilay	Minimum number of strands	
		Compact stranded	All others
8 AWG	19[a]	7	7
7	–	7	7
6 – 2	19	7	7
1 – 4/0	19	18	19
213 – 500 kcmil	–	35	37
501 – 1000	–	58	61
1001 – 1500	–	–	91
1501 – 2000	–	–	127

[a] Copper only

[b] Conductors with a lesser number of strands shall be permitted based on the results of an investigation which shall include testing for connectability and bending.

Note: Single Input Wire (SIW) Stranded conductors shall meet the minimum number of wires as defined in the applicable ASTM standard.

9.8 Every stranded conductor other than a compact-stranded conductor or single input wire conductor shall comply with the following