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CONTENTS

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Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 204-202x, Standard Procedures for the Decontamination of Canines following Potential Environmental Exposure (new standard)
Stakeholders: Military, Global (NATO), 5 Eyes (Pacific), first responders (law enforcement, search and rescue, fire departments), Offices of Emergency Management, Veterinary Community, Animal Control, National Guard Chemical Biological Enhanced Response Force Packages (CERFP)

Project Need: There are no training standards in any working dog curriculum that provide the identification of exposure and mitigation procedures to remove contaminants. Without a national standard, working dogs exposed to chemical-biological, toxic exposure, to include fentanyl could be immediately incapacitated or killed.

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

This standard provides the requirements and procedures for canine handlers performing the decontamination of working animals and training in conducting chemical-biological, toxic threats. This document also provides the means and methods to protect working dogs from exposure and how to identify exposure, types of necessary PPE and handler equipment.

AHAM (Association of Home Appliance Manufacturers)

John Park <jpark@aham.org> | 1111 19th Street NW, Suite 1150 | Washington, DC 20036 www.aham.org

New Standard

BSR/AHAM AC-6-2025-202x, Test Method for Measuring Performance of Consumer Room Air Cleaners in Automatic Mode (new standard)
Stakeholders: Manufacturers of consumer room air cleaners, testing laboratories, consumers

Project Need: The purpose of this document is to maintain a consistent test procedure and improve the reliability of test results by clearly defining the test procedure for ability of measuring the performance of consumer room air cleaners (air cleaners) when operated in automatic mode while particles are removed in the test chamber by air cleaners.

Interest Categories: Producer, User, General Interest

This standard method applies to consumer room air cleaners (air cleaners) as defined in the product scope. This standard method measures the performance of air cleaners when operated in automatic mode to remove particles in the test chamber.

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

Mindy Adams <apcostandards@apcointl.org> | 351 N. Williamson Boulevard | Daytona Beach, FL 32114-1112 www.apcoIntl.org

New Standard

BSR/APCO 2.108.1-202X, 700 MHz Deployable Public Safety Trunking Systems (new standard)
Stakeholders: Public Safety Communications Users, Producers, and General Interest parties.

Project Need: During Hurricane Katrina in 2005, trunked communications systems throughout the impacted area were disabled by damage caused by the storm. First responders in the area and those coming to assist had to fend for themselves to provide operable communications networks, with limited interoperability capabilities. In 2015, the Public Safety community, working through the National Public Safety Telecommunications Council (NPSTC), successfully obtained FCC designation of 6 frequency pairs in the 700-MHz public safety band for the use of deployable/transportable trunked radio systems to be used for network augmentation and/or disaster restoration. Following the 2015 FCC decision, NPSTC, working with the National Regional Planning Council (NRPC), developed the "700-MHz Nationwide Deployable Trunked Solutions: A Report by NPSTC and the NRPC" document to identify recommended technical and logistical solutions necessary to implement the new deployable trunked systems. Since publication, the Report has been revised, based on numerous local/regional field deployments around the country. It is the desire to develop an ANSI standard to document the practices contained in the Report. This will provide the Public Safety community with a standards document covering both the provisioning of deployable trunked radio systems, and the programming of subscriber radio equipment.

Interest Categories: Consideration shall be given to at least the following interest categories: Producer of public safety communications equipment, products, processes, systems, and services; User of public safety communications equipment, products, processes, systems, and services; and General Interest are those who business or other interests are not covered by another discretely defined interest category, i.e., professional associations, societies, regulatory agency.

The scope of the proposed Standard is to identify the 700-MHz frequency pairs designated by the FCC for use in Deployable Trunked Systems and the FCC-imposed limitations on their use, identify RF Power levels to be used by Deployable Trunked Systems, identify the common WACN and System ID to be used in the programming of both the Deployable Network Equipment and Subscriber Units for use on these channels, identify the common Talk Group IDs and display names, and designated usage of the talk-groups in an Incident Command System compatible format, identify procedures for the use of Encryption on Talk Groups, and identify use of P25 Phase II (TDMA) equipment in Deployable Trunked Systems. This will provide both the operators of Deployable Trunked Systems and those who program end user subscriber equipment the information needed to successfully deploy interoperable communications capabilities to support incidents and pre-planned events requiring additional capabilities and resources.

ASA (ASC S12) (Acoustical Society of America)

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

Revision

BSR S12.2-202x, Criteria for Evaluating Room Noise (revision and redesignation of ANSI/ASA S12.2-2019 (R2023))
Stakeholders: Architectural and Construction Engineers, and therefore any occupant within the built environment. This will have direct impact on acoustical instrumentation manufacturers whose equipment conform to this standard.

Project Need: The current version of the ANS includes criteria that are no longer used in acoustical consulting specifications. The 2019 version needs to be streamlined to reflect modern practice. Historically, the NC curves were taken from a graphic and there is dispute over the octave band values. This version of the standard will clarify those discrepancies.

Interest Categories: Producer, User, General Interest

This standard specifies methods for evaluating interior ambient noise in buildings with respect to human acceptability for different activities. One metric used to describe sound levels in a room is the Noise Criteria (NC). Methods to calculate the NC are specified. Use of the A-weighted sound pressure level as a metric is also described. These metrics address the most common situation where the ambient noise is relatively stationary. It is recognized that acceptability of ambient noise depends upon its amplitude, frequency spectrum, and temporal characteristics. Methods for evaluating impulsive and time-varying noise, as well as noise containing audible tones or narrow band noise are addressed in informative annexes. ASA/ANSI S12.72 is normatively referenced for guidance in taking ambient noise measurements in buildings.

ASA (ASC S3) (Acoustical Society of America)

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

Revision

BSR S3.6-202x, Specification for Audiometers (revision of ANSI/ASA S3.6-2018 (R2023))
Stakeholders: Audiologists, consumers of audiology services, instrument manufacturers, audiometer service centers.

Project Need: The standard is revised to update reference threshold levels and other specifications, definitions of terms, and bibliography and to improve the accuracy and clarity of the current version.

Interest Categories: User, Producer, General Interest

The audiometers covered in this specification are devices designed for use in determining the hearing threshold level of an individual in comparison with a chosen standard reference threshold level. This standard provides specifications and tolerances for pure tone, speech, and masking signals and describes the minimum test capabilities of different types of audiometers. Methods and requirements for calibration of audiometers are provided.

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 B31N-202x, Nondestructive Examination for Piping (new standard)
Stakeholders: Piping manufacturers, fabricators and construction companies.

Project Need: This Standard would compile all NDE requirements from the various ASME B31 code sections into a single standard. This would include: NDE Procedures, NDE Personnel Qualifications, NDE Meth Techniques. This would establish consistency for ASME B31 Codes.

Interest Categories: AA - Constructor; AB - Designer; AF - General Interest; AH - Insurance/Inspection; AK - Manufacturer; AO - Owner; AP - Pipeline Operator/Owner; AT - Regulatory; AW - User.

This Standard specifies the requirements for nondestructive examination (NDE) methods, NDE acceptance criteria, NDE procedure qualification, and NDE personnel qualification that apply to piping conforming to ASME B31 Code Sections.

ASSP (Safety) (American Society of Safety Professionals)

Lauren Bauerschmidt <LBauerschmidt@assp.org> | 520 N. Northwest Highway | Park Ridge, IL 60068 www.assp.org

Revision

BSR/ASSP Z459.1-202x, Safety Requirements for Rope Access Systems (revision of ANSI/ASSP Z459.1-2021)
Stakeholders: Occupational safety professionals working with rope access systems.

Project Need: Based upon the consensus of the Z359 Membership and the leadership of ASSP.

Interest Categories: Occupational Safety Professionals

This standard sets forth accepted practices for rope access work. It is applicable for use in any environment where ropes are suspended from or connected to a structure or natural feature and used as the primary means of access, egress, or support and as the primary means of secondary protection against a fall. This standard is not intended to apply to recreational use of ropes or to methods used by professional emergency response personnel, although persons engaged in such activities may benefit from the advice, principles, and practices herein.

AWWA (American Water Works Association)

Paul Olson <polson@awwa.org> | 6666 W. Quincy Avenue | Denver, CO 80235 www.awwa.org

Revision

BSR/AWWA C300-202x, Reinforced Concrete Pressure Pipe, Steel-Cylinder Type (revision, redesignation and consolidation of ANSI/AWWA C300-2022)
Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: The purpose of this standard is to provide the minimum requirements for reinforced concrete pressure pipe, steel-cylinder type, including fabrication and testing requirements.

Interest Categories: Producers/Manufacturers, Users, and General Interest members

This standard describes the manufacture of reinforced concrete cylinder pipe in sizes 30 to 144 in. (760 to 3,660 mm). This pipe is designed for the internal pressure, external loads, and bedding conditions designated by the purchaser. This standard does not include requirements for design, handling, delivery, laying, field testing, or disinfection of pipe.

AWWA (American Water Works Association)

Paul Olson <polson@awwa.org> | 6666 W. Quincy Avenue | Denver, CO 80235 www.awwa.org

Revision

BSR/AWWA C302-202x, Reinforced Concrete Pressure Pipe, Noncylinder Type (revision, redesignation and consolidation of ANSI/AWWA C302-2022)
Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: The purpose of this standard is to provide the minimum requirements for reinforced concrete pressure pipe, noncylinder type, including fabrication and testing requirements.

Interest Categories: Producer/Manufacturers, Users, and General Interest members

This standard describes the manufacture of circumferentially reinforced concrete pressure pipe, without a steel cylinder and not prestressed, in sizes from 12–144 in. (300–3,660 mm) and for working pressures not exceeding 55 psi (380 kPa) and working plus surge pressures not exceeding a total pressure of 65 psi (450 kPa). This pipe is designed for the internal pressure, external loads, and bedding conditions designated by the purchaser. This standard does not include requirements for design, handling, delivery, laying, field testing, or disinfection of pipe.

AWWA (American Water Works Association)

Paul Olson <polson@awwa.org> | 6666 W. Quincy Avenue | Denver, CO 80235 www.awwa.org

New Standard

BSR/AWWA F1AA-202x, Cloth Media Filters (new standard)
Stakeholders: Water, wastewater, reclaimed water, and stormwater utility sector

Project Need: Cloth media filters have seen increased usage over the past two decades for several applications in wastewater treatment at utilities. A standard would provide a single document that provides end users with information on all the potential applications of cloth media filters and the technical details of each application.

Interest Categories: User, Producer, General Interest

This standard describes cloth media filters used in the wastewater treatment, including effluent filtration, water re-use, primary treatment, and wet-weather treatment. The standard provides a consistent framework for evaluating cloth media filters as an alternative to conventional methods of treatment for these applications.

AWWA (American Water Works Association)

Paul Olson <polson@awwa.org> | 6666 W. Quincy Avenue | Denver, CO 80235 www.awwa.org

New Standard

BSR/AWWA F1BB-202x, Mechanical Screens and Screenings Handling (new standard)
Stakeholders: Water, wastewater, reclaimed water, and stormwater utility sector

Project Need: Mechanical screens at water reclamation facility influent headworks and upstream of large wastewater lift stations have become a necessity for proper protection of downstream equipment and treatment efficiency. There is a need for a standard that provides clearly defined terms and guidance irrespective of the manufacturer to allow users and general interest groups to make informed decisions on the type of technology that would best suit their application and conditions.

Interest Categories: Users, Producers, General Interest

This standard describes mechanical screens and screenings handling at water reclamation facility influent headworks and upstream of large wastewater lift stations to capture, remove, and handle solids and debris found in domestic wastewater.

AWWA (American Water Works Association)

Paul Olson <polson@awwa.org> | 6666 W. Quincy Avenue | Denver, CO 80235 www.awwa.org

New Standard

BSR/AWWA F1CC-202x, Grit Removal and Handling (new standard)
Stakeholders: Water, wastewater, reclaimed water, and stormwater utility sector

Project Need: Water sector utilities, engineers, designers, and manufacturers need a standard for to provide a structured framework for designing, operating, and evaluating grit removal systems technologies.

Interest Categories: User, Producer, General Interest

This standard describes performance criteria for evaluating grit removal efficiency, identifies systems and components for interoperability, and describes comparative assessment benchmarks for grit removal efficiency.

AWWA (American Water Works Association)

Paul Olson <polson@awwa.org> | 6666 W. Quincy Avenue | Denver, CO 80235 www.awwa.org

New Standard

BSR/AWWA G5XX-202x, Wastewater System Comprehensive Planning Practices (new standard)
Stakeholders: Wastewater utilities, municipalities, consulting engineers, regulators, and other water sector stakeholders

Project Need: There is a lack of clear industry guidance on how to conduct a wastewater system comprehensive planning study. A standard would be instrumental to bridge the gap and provide the industry with a timely guidance document to ensure wastewater systems owners can continue to provide safe, reliable services to the community and public.

Interest Categories: Utility/User, Service Provider/Consulting Services, Management Interest

This standard describes the critical elements in comprehensive planning practices for wastewater collection systems and wastewater treatment plants.

BOMA (Building Owners and Managers Association)

Kia Lor <klor@boma.org> | 1101 15th Street, NW, Suite 800 | Washington, DC 20005 www.boma.org

Revision

BSR/BOMA Z65.2-202x, For Industrial Buildings: Standard Method of Measurement (revision of ANSI/BOMA Z65.2 -2019)
Stakeholders: Property owners, property managers, facility managers, brokers, appraisers, assessors, lenders, insurers, developers, construction and design professionals, and others who need unequivocal, direct measurement of the physical size of an office building.

Project Need: Work will be done to update drawings, adding Life Science features, clarify the allocation of stairs and elevators in certain circumstances, unenclosed areas, revisit allowing of roof overhangs (drip line), and strengthen methodologies contained within the existing standard.

Interest Categories: Producers, users, and general interests.

The Industrial Standard is intended exclusively for Industrial and Flex Buildings and their associated structures and may be applied to single tenant, multi-tenant or multi-building configurations. The 2019 Industrial Standard features a single method of measurement. It generates multiple Load Factors for various shared space types, such as Building Service Area, Floor Service Area, Inter-Building Area, etc. These Load Factors are successively applied to Occupant Areas on a pro-rata basis.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-01B-2000 (R202x), Acceleration Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364 -01B-2000 (R2019))
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current ANS

Interest Categories: User, Producer, General Interest

This standard establishes test methods to determine the ability of an electrical connector and pockets to withstand a specified acceleration force without damage detrimental to its specified performance.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-07C-2007 (R202x), Contact Axial Concentricity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-07C-2007 (R2019))
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current ANS

Interest Categories: User, Producer, General Interest

This standard establishes a test method to determine the straightness of contacts by measuring a total indicator reading (TIR) value. Axial concentricity can be measured after crimping to determine axial deformation.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-20F-2019 (R202x), Dielectric Withstanding Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (reaffirmation of ANSI/EIA 364-20F-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current ANS

Interest Categories: User, Producer, General Interest

The object of this test is to describe a method for measuring the dielectric withstanding voltage.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-22B-2000 (R202x), Simulated Life Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-22B-2000 (R2019))
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current ANS

Interest Categories: User, Producer, General Interest

This standard establishes test methods to determine the adequacy of a connector or socket to perform its operational function on land (general and heavy duty), aircraft, marine or underwater for the representative time period of application. This method shall not be used prior to low-level measurement per EIA 364-23.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-119-2019 (R202x), Removal Tool Rotation Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-119-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current ANS

Interest Categories: User, Producer, General Interest

This test standard establishes a test method to determine if the removal tool rotation that is used to remove a contact from a connector, produces evidence of damage to the contacts, the connector insert, or the contact-retaining mechanism.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-1000B-2019 (R202x), Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (reaffirmation of ANSI/EIA 364-1000B-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current ANS

Interest Categories: User, Producer, General Interest

This standard establishes the test procedures and test sequences to be followed when evaluating the performance of electrical connectors and sockets used in controlled environments. Furthermore, it applies to contacts operating under low-level circuit conditions. The assumption is made that the contacts are metal. Polymer contacts, or other contact types, may require a different test methodology.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 469-E-2017 (R202x), Test Method for Destructive Physical Analysis (DPA) of Ceramic Monolithic Capacitors (reaffirmation of ANSI/EIA 469-E-2017)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Reaffirm current ANS

Interest Categories: User, Producer, General Interest

This document provides terminology, suggested methods, and criteria for characterizing the internal structural features of monolithic, ceramic dielectric capacitors. Its major objective is the accurate evaluation of the internal physical quality of the chip capacitor element as it relates to the functional reliability of the finished capacitor. This Standard also provides needed and useful information pertaining to activities associated with destructive physical analysis (DPA), such as visual inspection and DPA reporting. In addition, it provides tutorial help for problems inherent in DPA sample processing.

HPS (ASC N13) (Health Physics Society)

Amy Wride-Graney <awride-graney@burkinc.com> | 950 Herndon Parkway, Suite 450 | Herndon, VA 20170 www.hps.org

Revision

BSR N13.36-202x, Ionizing Radiation Safety Training for Workers (revision of ANSI N13.36-2001 (R2022))
Stakeholders: This will impact all entities that have works who work with radioactive material or sources. This includes but is not limited to: National Labs, Universities, Hospitals, and Power Reactors

Project Need: During the last reaffirmation process, the standard was reaffirmed with comments. These comments called for specific changes. Further, this standard was written before online training became the standard for safety training in industry. This needs to be explicity addressed in the standard.

Interest Categories: Government or regulatory agency, professional society, trade association or labor union, technical expert

This standard is intended to be used by personnel who develop, revise, implement, or provide oversight of radiation safety training for the individuals mentioned below. It does not apply to radiation safety specialists, professionals, or technicians who are covered by other existing regulations or standards.

NENA (National Emergency Number Association)

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

Revision

BSR/NENA STA-024.1.1-202x, NENA Standard for the Conveyance of Emergency Incident Data Objects (EIDOs) between Next Generation (NG9-1-1) Systems and Applications (revision of ANSI/NENA STA-024.1-2023)
Stakeholders: 911 Authorities, Administrators, PSAP Managers, Vendors

Project Need: Revise the standard specification for the sending and receiving of an Emergency Incident Data Object (EIDO).

Interest Categories: Users, Producers, General Interests

Based on feedback and experience received since issuance of that standard, it was determined that a version that maintained backward compatibility is needed to best support the industry's implementation of EIDO, prior to the release of a Version 2.

PMI (Organization) (Project Management Institute)

Lorna Scheel <lorna.scheel@pmi.org> | 18 Campus Boulevard, Suite 150 | Newtown Square, PA 19073 www.pmi.org

Revision

BSR/PMI 99-001-202X, The Standard for Project Management (revision of ANSI/PMI 99-001-2021)
Stakeholders: Anyone interested in the project management profession such as senior executives, program managers, assigned to project teams, Scrum Masters and other agile team roles that use agile/lean delivery approaches, educators teaching project management related subjects, consultants and other specialists in project management and related fields, trainers developing project management educational programs, researchers analyzing project management, etc.

Project Need: The Project Management profession continues to mature and the Standard for Project Management needs to be updated to meet this maturation.

Interest Categories: Academic/Training, Consultant, General Interest, and Organization/Professional

The current edition of the Standard for Project Management needs to be updated to reflect the full value delivery landscape reflecting the view that projects are executed to deliver value and project teams can use a broad range of methods and approaches from traditional to cutting edge and innovative. The speed of change in the practice of project management necessitates the need to reflect the rapidly evolving practice of project management in all its current and future forms. The Standard needs to be updated to meet this maturation. A cover-to-cover revision is planned for continuous improvement and to address needed modifications.

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: January 14, 2024

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 e to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2019)
This addendum makes additions to Section 3 Definitions, 6.2 Factory Leak Testing, 6.4 Factory Evacuation, and 11 Normative References. These changes are necessary to harmonize with ASHRAE 196 and 173, comply with the US AIM Act, and improve factory evacuation and testing procedures.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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

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

Addenda

BSR/ASHRAE Addendum i to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-475B to Tables 4-2 and D-2.
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: January 14, 2024

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i137r2), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2022)
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: Jason Snider <jsnider@nsf.org>

NSF (NSF International)

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

Revision

BSR/NSF 42-202x (i132r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2022)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to address one or more of the following: reduce substances affecting the aesthetic quality of the water, add chemicals for scale control, or limit microbial growth in the system (bacteriostatic).
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 48105-9723 | rbrooker@nsf.org, www.nsf.org

Revision

BSR/NSF 173-202x (i104r1), Dietary Supplements (revision of ANSI/NSF 173-2022)
This standard contains requirements for dietary supplements that contain one or more of the following dietary ingredients: a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by humans to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker <rbrooker@nsf.org>

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 62133-2-202x, Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 2: Lithium Systems (national adoption of IEC 62133-2 with modifications and revision of ANSI/UL 62133-2-2020)
(1) Adoption of IEC 62133-2 Amendment 1:2021.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: January 14, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 181B-202x, Standard for Safety for Closure Systems for Use with Flexible Air Ducts and Air Connectors (revision of ANSI/UL 181B-2013 (R2021))
(1) Part II, Mastic Closure Systems, Section 22.4 - Temperature Test Revision.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 360-202x, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2023)
Liquid tight flexible metal conduit with a core constructed of stainless steel shall be exempt from the Fault Current test as found in paragraph 9.1A of UL 360.
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)

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

Revision

BSR/UL 9595-202X, Standard for Factory Follow-Up on Personal Flotation Devices (PFDs) (revision of ANSI/UL 9595-2023)
ULSE proposes a recirculation of the proposal dated 7-21-23.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: January 29, 2024

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

New Standard

BSR/ADA Standard No. 1113-202x, Contents of Dental Procedure-Level Data Required for Eligibility and Benefit Responses (new standard)
This standard identifies necessary data content to be communicated between providers at all treatment locations, and payers of all types (i.e., medical, dental, auto, long-term care, etc.) to facilitate exchange of complete information as it relates to eligibility and benefits verification at the procedure level of service.
Single copy price: $35.00
Obtain an electronic copy from: standards@ada.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 29, 2024

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

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

New Standard

BSR/APCO 1.125.1-202X, Non 9-1-1 Call Processing and Dispatch (new standard)
As the potential for rapid access to human services evolves via three-digit numbers that build on the decade's long success of 9-1-1, the need for standardized policies and procedures governing the incorporation of receiving calls from these additional outside centers becomes necessary. The idea of incorporating operational support of these new, external services into the ECC generates many unanswered questions and may be met with hesitation by ECC leadership. This document seeks to develop a standard providing guidance for implementing these policies and procedures into the ECC.
Single copy price: Free
Obtain an electronic copy from: https://www.apcointl.org/services/standards/standards-review-comment
Send comments (copy psa@ansi.org) to: Mindy Adams <apcostandards@apcointl.org>

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

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

Revision

BSR/APCO 1.113.2-202X, Public Safety Communications Incident Handling Process (revision and redesignation of ANSI/APCO 1.113.1-2019)
The standard identifies the steps and decision-making points that should be taken while processing public safety requests for service. This revision and re-designated standard will also address call handling metrics based on empirical data to further refine and improve the overall process.
Single copy price: Free
Obtain an electronic copy from: apcostandards@apcointl.org
Send comments (copy psa@ansi.org) to: https://www.apcointl.org/services/standards/standards-review-comment/

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE EP364.4-FEB2013 (R202x), Installation and Maintenance of Farm Standby Electric Power (reaffirmation of ANSI/ASAE EP364.4-FEB2013 (R2018))
The scope of this Engineering Practice covers both engine-driven and tractor-driven generators for farm standby electrical power service as defined in EGSA-101G, EGSA-101S, and EGSA-101P. The terms “generator” and “alternator” may be used interchangeably in this Engineering Practice.
Single copy price: $78.00
Obtain an electronic copy from: stell@asabe.org
Send comments (copy psa@ansi.org) to: Sadie Stell, stell@asabe.org

Comment Deadline: January 29, 2024

ASIS (ASIS International)

1625 Prince Street, Alexandria, VA 22314-2818 | standards@asisonline.org, www.asisonline.org

Revision

BSR/ASIS SRA-202x, Security Risk Assessment (revision and redesignation of ANSI/ASIS/RIMS RA.1-2015)
This Standard provides guidance for conducting risks assessments and applies specifically to security-related risks, which may include physical, non-physical, and logical risks. Security risks are understood to result from the intersection of threat, vulnerability, and consequence and should be associated with specific asset(s) that may be impacted.
Single copy price: $25.00
Obtain an electronic copy from: https://www.asisonline.org/publications--resources/standards--guidelines/
Send comments (copy psa@ansi.org) to: Aivelis Opicka <standards@asisonline.org>

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | LBauerschmidt@assp.org, www.assp.org

Revision

BSR/ASSP Z359.15-202x, Safety Requirements for Single Anchor Lifelines and Fall Arresters for Personal Fall Arrest Systems (revision and redesignation of ANSI ASSE Z359.15-2014)
This standard establishes requirements for the design criteria, qualification testing (performance requirements), marking and instructions, user inspections, maintenance and storage and removal from service of single anchor lifelines and fall arresters for users within the capacity range of 110 to 310 pounds (50 to 140 kg).
Single copy price: $150.00
Obtain an electronic copy from: Lbauerschmidt@assp.org
Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C305-202x, CFRP Renewal and Strengthening of Prestressed Concrete Cylinder Pipe (PCCP) (revision of ANSI/AWWA C305-2018)
This standard provides the minimum requirements for material selection, design, installation, and quality control and quality assurance of the CFRP renewal and strengthening of PCCP. This standard covers all PCCP, including embedded-cylinder pipe (ECP) and lined-cylinder pipe (LCP). The scope of this standard is limited to the wet lay-up application of CFRP. This standard is not applicable to the design of CFRP liner for severely deformed PCCP.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: January 29, 2024

AWWA (American Water Works Association)

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

Revision

BSR/AWWA D102-202x, Coating Steel Water-Storage Tanks (revision of ANSI/AWWA D102-2021)
This standard describes coating systems for coating and recoating the inside and outside surfaces of steel tanks used for potable water storage in water supply service. Coating systems for bolted steel tanks are not described in this standard (see ANSI/AWWA D103). This standard provides the minimum requirements for coating steel water-storage tanks, including materials, coating systems, surface preparation, application, and inspection and testing.
Single copy price: Free
Obtain an electronic copy from: polson@awwa.org
Send comments (copy psa@ansi.org) to: Same

AWWA (American Water Works Association)

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

Revision

BSR/AWWA G430-202x, Security Practices for Operation and Management (revision of ANSI/AWWA G430-2014 (R2020))
This standard covers the minimum requirements for a protective security program for a water, wastewater, or reuse utility.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: Same

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

New Standard

BSR/BICSI 009-202x, Data Center Operations and Maintenance Best Practices (new standard)
The scope of the project is to define and provide a standardized set of data center operations and maintenance requirements and best practices. As the focus is on operations and maintenance, guidance is provided primarily for personnel and professionals with data center operations (e.g., management, technicians, contractors providing managed services, maintenance) but is also applicable to clients, customers, and other individuals working within or performing services to an operating data center.
Single copy price: Free
Obtain an electronic copy from: jsilveira@bicsi.org
Send comments (copy psa@ansi.org) to: Jeff Silveira <jsilveira@bicsi.org>

Comment Deadline: January 29, 2024

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

Revision

BSR/BICSI 002-202x, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2019)
This standard provides best practices and implementation methods that complement TIA, CENELEC, ISO/IEC, and other published data center standards and documents. It is primarily a design standard, with installation requirements and guidelines related to implementing a design. The standard includes other installation requirements and guidelines for data centers where appropriate.
Single copy price: Free
Obtain an electronic copy from: jsilveira@bicsi.org
Send comments (copy psa@ansi.org) to: Jeff Silveira <jsilveira@bicsi.org>

BICSI (Building Industry Consulting Service International)

8610 Hidden River Parkway, Tampa, FL 33637 | jsilveira@bicsi.org, www.bicsi.org

Revision

BSR/BICSI 004-202x, Information Communication Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities (revision of ANSI/BICSI 004-18-2018)
This Standard specifies design and installation requirements for telecommunications information technology systems within a healthcare building and between healthcare buildings in a campus environment. It defines terms, recommends cabling types and topology while also providing additional useful systems information and guidance on coordination between design and construction disciplines.
Single copy price: Free
Obtain an electronic copy from: jsilveira@bicsi.org
Send comments (copy psa@ansi.org) to: Jeff Silveira <jsilveira@bicsi.org>

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | J.Santulli@ieee.org, www.ieee.org

New Standard

BSR C63.25.2-202x, Standard for Validation Methods for Radiated Emission Test Sites 30 MHz to 1 GHz (new standard)
This standard will contain the methods to conduct Normalized Site Attenuation from 30 MHz – 1000 MHz.
Single copy price: $96.00
Obtain an electronic copy from: j.santulli@ieee.org
Send comments (copy psa@ansi.org) to: Jennifer Santulli <J.Santulli@ieee.org>

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

Revision

BSR/NECA 700-202X, Standard for Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2016)
This standard describes the application procedures for selecting and adjusting low-voltage overcurrent protective devices to achieve selective coordination.
Single copy price: Member $30.00 / Nonmember $60.00
Obtain an electronic copy from: NEIS@NECAnet.org OR https://neca-neis.org/public-comment-request---ALL
Send comments (copy psa@ansi.org) to: NEIS@NECAnet.org OR https://neca-neis.org/public-comment-request---ALL

Comment Deadline: January 29, 2024

NSF (NSF International)

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

Revision

BSR/NSF 42-202x (i133r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2022)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to address one or more of the following: reduce substances affecting the aesthetic quality of the water, add chemicals for scale control, or limit microbial growth in the system (bacteriostatic).
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/72231/42i133r1%20et%20al%20-%20JC%20Memo%20%26%20ballot.pdf
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 44-202x (i55r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2022)
The manual, auto-initiated, and demand-initiated regeneration (DIR) residential cation exchange water softeners addressed by this standard are designed for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to reduce hardness affecting the aesthetic quality of water.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/72231/42i133r1%20et%20al%20-%20JC%20Memo%20%26%20ballot.pdf
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 53-202x (i158r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2022)
The POU and POE systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this standard are intended to reduce substances that are considered established or potential health hazards.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/72231/42i133r1%20et%20al%20-%20JC%20Memo%20%26%20ballot.pdf
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

Comment Deadline: January 29, 2024

NSF (NSF International)

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

Revision

BSR/NSF 58-202x (i110r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58 -2022)
The point-of-use (POU) RO drinking water treatment systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered by this standard are intended for reduction of total dissolved solids (TDS) and other contaminants specified herein.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/72231/42i133r1%20et%20al%20-%20JC%20Memo%20%26%20ballot.pdf
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 62-202x (i48r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2022)
This standard establishes minimum materials, design and construction, and performance requirements for point-of-use (POU) and point-of-entry (POE) drinking water distillation systems and the components used in these systems. Distillation systems covered by this standard are designed to reduce specific chemical contaminants from potable drinking water supplies.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/72231/42i133r1%20et%20al%20-%20JC%20Memo%20%26%20ballot.pdf
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 244-202x (i22r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2022)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this standard are designed to be used for the supplemental microbial control of specific organisms that may occasionally be present in drinking water (public or private) because of intermittent incursions.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/72231/42i133r1%20et%20al%20-%20JC%20Memo%20%26%20ballot.pdf
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

Comment Deadline: January 29, 2024

NSF (NSF International)

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

Revision

BSR/NSF 401-202x (i37r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private), considered to be microbiologically safe, and of known quality. Systems covered under this standard are intended to reduce substances that are at very low, yet measurable concentrations, but not at definitive concentrations of known health concern.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/72231/42i133r1%20et%20al%20-%20JC%20Memo%20%26%20ballot.pdf
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

NW&RA (ASC Z245) (National Waste & Recycling Association)

1550 Crystal Drive, Suite #804, Arlington, VA 22202 | ksander@wasterecycling.org, www.wasterecycling.org

New Standard

BSR Z245.42-202x, Equipment Technology and Operations for Wastes and Recyclable Materials: Waste Transfer Station - Safety Requirements (new standard)
This standard is a new standard after the Z245.42-2013 was administratively removed. This standard establishes safety requirements for the design, manufacture, construction, modification, maintenance and operation of waste transfer stations used in the collection, storage, and the eventual transportation of commingled wastes and recyclable materials.
Single copy price: Free
Obtain an electronic copy from: ksander@wasterecycling.org
Send comments (copy psa@ansi.org) to: Kirk Sander <ksander@wasterecycling.org>

Comment Deadline: January 29, 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 Addendum C-202x, Interim Updates to Standard for the Calculation and Labeling of the Energy Performance of Dwelling and Sleeping Units using an Energy Rating Index (addenda to ANSI/RESNET/ICC 301-2022)
Interim updates that address: clarifications to improve the consistency of rating software calculations; definitions and acronyms for terms used in the Standard; new federal HVAC appliance SEER2 and HSPF2 ratings and ceiling fan ratings; the treatment of shared water heater losses for multi-family dwelling units; balanced mechanical ventilation; duct leakage where all ducts are within conditioned space; carbon dioxide index calculations; onsite battery storage; multiple end-use loads; interior shading; reporting of the edition of standard ANSI/RESNET/ICC 301 that rating calculations are compliant with; interpretations issued for ANSI/RESNET/ICC 301-2022; other incidental changes.
Single copy price: $55.00
Obtain an electronic copy from: Review and 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 addendum at https://www.resnet.us/about/standards/standards-currently-out-for-public-comment/, under link “ANSI Standards & Amendments Out For Public Comment”.

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 5B-2014 (R202x), Standard for Strut-Type Channel Raceways and Fittings (reaffirmation of ANSI/UL 5B -2014)
Reaffirmation of UL 5B
Single copy price: Free
Obtain an electronic copy from: celine.eid@ul.org
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)

1603 Orrington Ave, Evanston, Il 60201 | cynthia.byrne@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 60947-5-5-2019 (R202x), Standard for Low-Voltage Switchgear and Controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function (reaffirmation of ANSI/UL 60947-5-5-2019)
Reaffirmation and continuance of the First Edition of the Standard for Low-Voltage Switchgear and Controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function, UL 60947-5-5, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: January 29, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 486E-202x, Standard for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors (revision of ANSI/UL 486E-2019)
Recirculation of the following topics: (8) Correction to Table 13 9. Testing with Metric and Non-Standard Size Conductors.
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 the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 935-202X, Standard for Fluorescent-Lamp Ballasts (revision of ANSI/UL 935-2014 (R2018))
Updating the references to UL and non-UL standards.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Please follow the instructions at https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1564-202x, UL Standard for Safety for Industrial Battery Chargers (revision of ANSI/UL 1564-2020)
Ballot of the following topics: (1) Addition of NOTE to Table 45.1 to Align with the Dielectric Voltage-Withstand Test of Section 32; (2) Editorial Updates.
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 the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: February 13, 2024

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME MUS-1-202x, Use of Unmanned Aircraft Systems (UAS) for Inspections (new standard)
This document provides the requirements for the utilization of Unmanned Aircraft Systems (UAS) to safely and reliably perform inspections to obtain quality data and repeatable results. It is the responsibility of the user of this standard to determine whether using a UAS to perform the inspection is the proper tool for the desired outcome. The vehicles used for inspection of assets involve rotary, Vertical Take-Off and Landing (VTOL) and fixed winged and hybrid platforms. In some conditions the use of a tethered system is recommended. This standard was written in mind to be utilized by many industries and not only comply with ASME code related inspections. The use of this standard provides the basis of using a UAS safely and reliably when carrying out inspections and can be applied for the inspection.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Ray Rahaman

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.1.7-2009 (R202x), Performance Standard for Steel Measuring Tapes (reaffirmation of ANSI/ASME B89.1.7-2009 (R2019))
This standard specifies the requirements for steel measuring tapes, with respect to units (International System (SI) and/or U.S. Customary), graduations, numbering, designations, and accuracy requirements.
Single copy price: $36.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.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:

CTA (Consumer Technology Association)

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

BSR/CTA 2010-C-202x, Standard Method of Measurement for Powered Subwoofers (revision and redesignation of ANSI/CTA 2010-B-2014 (R2020))
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.

ASA (ASC S1) (Acoustical Society of America)

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

ANSI/ASA S1.11/Part 1/IEC 61260-1-2014 (R2023), Standard Electroacoustics - Octave-band and Fractional-octave-band Filters - Part 1: Specifications (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S1.11-2014/Part 1/IEC 61260-1-2014 (R2019)) Final Action Date: 12/11/2023 | *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 PTC 4-2013 (R2023), Performance Test Code on Fired Steam Generators (reaffirmation of ANSI/ASME PTC 4-2013) Final Action Date: 12/5/2023 | *Reaffirmation*

AWS (American Welding Society)

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

ANSI/AWS C2.21M/C2.21-2015 (R2024), Specification for Thermal Spray Equipment Performance Verification (reaffirmation of ANSI/AWS C2.21M/C2.21-2015) Final Action Date: 12/5/2023 | *Reaffirmation*

CSA (CSA America Standards Inc.)

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

ANSI/CSA C22.2 No. 339 (R2023), Hand-held motor operated electric tools - Safety - Particular requirements for chain beam saws (reaffirmation of ANSI/CSA C22.2 No. 339-2019) Final Action Date: 12/5/2023 | *Reaffirmation*

ANSI/CSA C22.2 No. 298-2023, High voltage couplers (revision of ANSI/CSA C22.2 No. 298-2021) Final Action Date: 12/5/2023 | *Revision*

HL7 (Health Level Seven)

455 E. Eisenhower Parkway, Suite 300 #025, Ann Arbor, MI 48108 | Karenvan@HL7.org, www.hl7.org

ANSI/HL7 V3 SPL, R8-2018 (R2023), HL7 Version 3 Standard: Structured Product Labeling, Release 8 (reaffirmation of ANSI/HL7 V3 SPL, R8-2018) Final Action Date: 12/5/2023 | *Reaffirmation*

ANSI/HL7 VSD, R1-2019 (R2023), HL7 Specification: Characteristics of a Value Set Definition, Release 1 (reaffirmation of ANSI/HL7 VSD, R1-2019) Final Action Date: 12/5/2023 | *Reaffirmation*

NCPDP (National Council for Prescription Drug Programs)

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

ANSI/NCPDP Product Identifier v1.8-2023, NCPDP Product Identifier v1.8 (revision and redesignation of ANSI/NCPDP Product Identifier v1.7-2023) Final Action Date: 12/5/2023 | *Revision*

ANSI/NCPDP SC v2024011-2023, NCPDP Script Standard (revision and redesignation of ANSI/NCPDP SC Standard v2023071-2023) Final Action Date: 12/7/2023 | *Revision*

ANSI/NCPDP Specialized Standard v2024011-2023, NCPDP Specialized Standard v2024011 (revision and redesignation of ANSI/NCPDP Specialized Standard v2023071-2023) Final Action Date: 12/7/2023 | *Revision*

NSF (NSF International)

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

ANSI/NSF 14-2023 (i128r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2022) Final Action Date: 11/28/2023 | *Revision*

ANSI/NSF 14-2023 (i129r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2022) Final Action Date: 12/7/2023 | *Revision*

ANSI/NSF/CAN 61-2023 (i173r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61 -2022) Final Action Date: 12/7/2023 | *Revision*

ULSE (UL Standards & Engagement)

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

ANSI/UL 62093-2023, Photovoltaic System Power Conversion Equipment - Design Qualification and Type Approval (identical national adoption of IEC 62093 and revision of ANSI/UL 62093-2017 (R2021)) Final Action Date: 12/7/2023 | *National Adoption*

ANSI/UL 62841-4-5-2023, Standard for Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-5: Particular requirements for grass shears (identical national adoption of IEC 62841 -4-5) Final Action Date: 11/30/2023 | *National Adoption*

ANSI/UL 61010-2-081-2019 (R2023), Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-081: Particular Requirements for Automatic and Semi-Automatic Laboratory Equipment for Analysis and Other Purposes (reaffirm a national adoption ANSI/UL 61010-2-081-2019) Final Action Date: 12/7/2023 | *Reaffirmation*

ANSI/UL 61010-2-091-2019 (R2023), Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-091: Particular Requirements for Cabinet X-Ray Systems (reaffirm a national adoption ANSI/UL 61010-2-091-2019) Final Action Date: 12/7/2023 | *Reaffirmation*

ANSI/UL 61010-2-101-2019 (R2023), Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment (reaffirm a national adoption ANSI/UL 61010-2-101-2019) Final Action Date: 12/7/2023 | *Reaffirmation*

ANSI/UL 746D-2023b, Standard for Safety for Polymeric Materials - Fabricated Parts (revision of ANSI/UL 746D-2023) Final Action Date: 12/7/2023 | *Revision*

ANSI/UL 746S-2023a, Standard for Safety for Evaluation of Sustainable Polymeric Materials for Use in Electrical Equipment (revision of ANSI/UL 746S-2023) Final Action Date: 12/5/2023 | *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.

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE EP364.4-FEB2013 (R202x), Installation and Maintenance of Farm Standby Electric Power (reaffirmation of ANSI/ASAE EP364.4-FEB2013 (R2018))

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 B89.1.7-2009 (R202x), Performance Standard for Steel Measuring Tapes (reaffirmation of ANSI/ASME B89.1.7-2009 (R2019))

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 MUS-1-202x, Use of Unmanned Aircraft Systems (UAS) for Inspections (new standard)

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | LBauerschmidt@assp.org, www.assp.org

BSR/ASSP Z459.1-202x, Safety Requirements for Rope Access Systems (revision of ANSI/ASSP Z459.1-2021)

AWWA (American Water Works Association)

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

BSR/AWWA F1AA-202x, Cloth Media Filters (new standard)

AWWA (American Water Works Association)

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

BSR/AWWA F1BB-202x, Mechanical Screens and Screenings Handling (new standard)

AWWA (American Water Works Association)

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

BSR/AWWA F1CC-202x, Grit Removal and Handling (new standard)

AWWA (American Water Works Association)

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

BSR/AWWA G5XX-202x, Wastewater System Comprehensive Planning Practices (new standard)

BOMA (Building Owners and Managers Association)

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

BSR/BOMA Z65.2-202x, For Industrial Buildings: Standard Method of Measurement (revision of ANSI/BOMA Z65.2 -2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-01B-2000 (R202x), Acceleration Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-01B-2000 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-07C-2007 (R202x), Contact Axial Concentricity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-07C-2007 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-20F-2019 (R202x), Dielectric Withstanding Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (reaffirmation of ANSI/EIA 364-20F-2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-22B-2000 (R202x), Simulated Life Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-22B-2000 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-119-2019 (R202x), Removal Tool Rotation Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-119-2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-1000B-2019 (R202x), Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (reaffirmation of ANSI/EIA 364-1000B-2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 469-E-2017 (R202x), Test Method for Destructive Physical Analysis (DPA) of Ceramic Monolithic Capacitors (reaffirmation of ANSI/EIA 469-E-2017)

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Kyle.Krueger@necanet.org, www.neca-neis.org

BSR/NECA 700-202X, Standard for Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2016)

NENA (National Emergency Number Association)

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

BSR/NENA STA-024.1.1-202x, NENA Standard for the Conveyance of Emergency Incident Data Objects (EIDOs) between Next Generation (NG9-1-1) Systems and Applications (revision of ANSI/NENA STA-024.1-2023)
Interest Categories: NENA seeks volunteers for the Conveyance of EIDO WG to shepherd the completed draft of NE-STA-024.1.1-202Y through the document review process. Specifically, the working group seeks to add members in the User and General Interest categories. If you are interested in supporting the NE Conveyance of EIDO WG as a new WG member, please use this link to join. https://www.nena.org/page/JoinConveyEIDO_WG The WG meets on Fridays from 2:00 - 3:00 ET.

NSF (NSF International)

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

BSR/NSF 14-202x (i137r2), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2022)

NSF (NSF International)

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

BSR/NSF 42-202x (i132r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2022)

NSF (NSF International)

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

BSR/NSF 42-202x (i133r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2022)

NSF (NSF International)

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

BSR/NSF 44-202x (i55r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2022)

NSF (NSF International)

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

BSR/NSF 53-202x (i158r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2022)

NSF (NSF International)

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

BSR/NSF 58-202x (i110r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2022)

NSF (NSF International)

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

BSR/NSF 62-202x (i48r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2022)

NSF (NSF International)

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

BSR/NSF 173-202x (i104r1), Dietary Supplements (revision of ANSI/NSF 173-2022)

NSF (NSF International)

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

BSR/NSF 244-202x (i22r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2022)

NSF (NSF International)

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

BSR/NSF 401-202x (i37r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2022)

NW&RA (ASC Z245) (National Waste & Recycling Association)

1550 Crystal Drive, Suite #804, Arlington, VA 22202 | ksander@wasterecycling.org, www.wasterecycling.org

BSR Z245.42-202x, Equipment Technology and Operations for Wastes and Recyclable Materials: Waste Transfer Station - Safety Requirements (new standard)

ULSE (UL Standards & Engagement)

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

BSR/UL 62133-2-202x, Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 2: Lithium Systems (national adoption of IEC 62133-2 with modifications and revision of ANSI/UL 62133-2-2020)

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

AAFS - American Academy of Forensic Sciences

Effective November 28, 2023

The reaccreditation of **AAFS - American Academy of Forensic Sciences** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AAFS-sponsored American National Standards, effective **November 28, 2023**. For additional information, please contact: Teresa Ambrosius, American Academy of Forensic Sciences (AAFS) | 410 North 21st Street, Colorado Springs, CO 80904 | (719) 453-1036, tambrosius@aafs.org

Approval of Reaccreditation – ASD

AGA (ASC B109) - American Gas AssociationGas Displacement Meters and Gas Service Regulators

Effective November 28, 2023

The reaccreditation of **AGA (American Gas Association)**-sponsored **ASC B109, Gas Displacement Meters and Gas Service Regulators** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AGA (ASC B109)-sponsored American National Standards, effective **November 28, 2023**. For additional information, please contact: Luis Escobar, American Gas Association (AGA (ASC B109)) | 400 N. Capitol St., NW, Suite 450, Washington, DC 20001 | (202) 824-7058, lescobar@aga.org

Approval of Reaccreditation – ASD

PHTA - Pool and Hot Tub Alliance

Effective December 1, 2023

The reaccreditation of **PHTA - Pool and Hot Tub Alliance** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on PHTA-sponsored American National Standards, effective **December 1, 2023**. For additional information, please contact: Genevieve Lynn, Pool and Hot Tub Alliance (PHTA) | 2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314 | (703) 838-0083, standards@phta.org

Approval of Reaccreditation – ASD

TAPPI - Technical Association of the Pulp and Paper Industry

Effective December 8, 2023

The reaccreditation of **TAPPI - Technical Association of the Pulp and Paper Industry** has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on TAPPI-sponsored American National Standards, effective **December 8, 2023**. For additional information, please contact: Brittaney Lovett, Technical Association of the Pulp and Paper Industry (TAPPI) | 15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | (770) 209-7249, standards@tappi.org

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

NEMA - National Electrical Manufacturers Association

Comment Deadline: January 15, 2024

The **National Electrical Manufacturers Association** has submitted revisions to its currently accredited operating procedures for documenting consensus on NEMA-sponsored American National Standards, under which it was last reaccredited in 2020. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Megan Hayes, National Electrical Manufacturers Association (NEMA) | 1300 North 17th Street, Suite 900, Arlington, VA 22209 | (703) 841-3236, megan.hayes@nema.org

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

Please submit any public comments on the revised procedures to NEMA by **January 15, 2024**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

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.

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

Teresa Ambrosius
tambrosius@aafs.org

ADA (Organization)
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611
www.ada.org

Paul Bralower
bralowerp@ada.org

AHAM
Association of Home Appliance Manufacturers
1111 19th Street NW, Suite 1150
Washington, DC 20036
www.aham.org

John Park
jpark@aham.org

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

Mindy Adams
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ASA (ASC S1)
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ASA (ASC S3)
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ASHRAE
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ASSP (Safety)
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ECIA
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HPS (ASC N13)
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Amy Wride-Graney
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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

Equipment for fire protection and fire fighting (TC 21)

ISO/DIS 15779, Condensed aerosol fire extinguishing systems - Requirements and test methods for components and system design, installation and maintenance - General requirements - 2/24/2024, $146.00

Fluid power systems (TC 131)

ISO/DIS 7368, Hydraulic fluid power - Two-port slip-in cartridge valves - Cavities - 2/25/2024, $98.00

Gears (TC 60)

ISO/DIS 21771-1.2, Cylindrical involute gears and gear pairs - Part 1: Concepts and geometry - 12/17/2023, $185.00

Governance of organizations (TC 309)

ISO/DIS 37001, Anti-bribery management systems - Requirements with guidance for use - 2/29/2024, $125.00

Health Informatics (TC 215)

ISO/DIS 21564, Health Informatics - Terminology resource map quality measures (MapQual) - 2/24/2024, $88.00

Light metals and their alloys (TC 79)

ISO/DIS 115, Unalloyed aluminium ingots for remelting - Classification and composition - 2/29/2024, $53.00

ISO/DIS 209, Wrought aluminium and aluminium alloys - Chemical composition - 2/29/2024, $67.00

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

ISO/DIS 10855-1, Offshore containers and associated lifting sets - Part 1: Design, manufacture and marking of offshore containers - 2/25/2024, $98.00

ISO/DIS 10855-2, Offshore containers and associated lifting sets - Part 2: Design, manufacture and marking of lifting sets - 2/25/2024, $62.00

ISO/DIS 10855-3, Offshore containers and associated lifting sets - Part 3: Periodic inspection, examination and testing - 2/24/2024, $88.00

Microbeam analysis (TC 202)

ISO/DIS 20263, Microbeam analysis - Analytical electron microscopy - Method for the determination of interface position in the cross-sectional image of the layered materials - 2/29/2024, $119.00

Nuclear energy (TC 85)

ISO/DIS 6863, Nuclear fuel technology - Preparation of spikes for isotope dilution mass spectrometry (IDMS) - 2/23/2024, $62.00

ISO/DIS 13465, Nuclear energy - Nuclear fuel technology - Determination of neptunium in nitric acid solutions by spectrophotometry - 2/26/2024, $46.00

Plastics (TC 61)

ISO/DIS 1183-1, Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method - 2/23/2024, $77.00

ISO/DIS 17744, Plastics - Determination of specific volume as a function of temperature and pressure, pvT diagram - Piston apparatus method - 2/24/2024, $77.00

ISO/DIS 11357-3, Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization - 2/25/2024, $33.00

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

ISO/DIS 18984, Ball valves for thermoplastics piping systems for hot and cold water installations under pressure - Types, dimensions and requirements - 2/24/2024, $71.00

Rubber and rubber products (TC 45)

ISO/DIS 11237, Rubber hoses and hose assemblies - Compact wire-braid-reinforced hydraulic types for oil-based or water-based fluids - Specification - 2/23/2024, $53.00

Security (TC 292)

ISO/DIS 22371, Security and resilience - Community resilience - Principles and framework for urban resilience - 2/22/2024, $107.00

Steel (TC 17)

ISO/DIS 8353, Steel sheet, zinc-aluminium-magnesium alloy-coated by the continuous hot-dip process, of commercial, drawing and structural qualities - 2/24/2024, $82.00

ISO/DIS 11970, Specification and qualification of welding procedures for production welding of steel castings - 2/29/2024, $71.00

ISO/DIS 6934-2, Steel for the prestressing of concrete - Part 2: Cold-drawn wire - 2/26/2024, $53.00

Sterilization of health care products (TC 198)

ISO/DIS 15883-7, Washer-disinfectors - Part 7: Requirements and tests for washer-disinfectors employing chemical disinfection for non-critical thermolabile medical devices and health care equipment - 2/26/2024, $102.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23090-14:2023/DAmd 2, - Amendment 2: Information technology - Coded representation of immersive media - Part 14: Scene description - Amendment 2: Support for haptics, augmented reality, avatars, interactivity, MPEG-I audio, and lighting - 2/23/2024, $155.00

ISO/IEC DIS 18975, Information technology - Automatic identification and data capture techniques - Encoding and resolving identifiers over HTTP - 2/25/2024, $62.00

ISO/IEC DIS 42005, Information technology - Artificial intelligence - AI system impact assessment - 2/25/2024, $107.00

ISO/IEC DIS 14496-1, Information technology - Coding of audio-visual objects - Part 1: Systems - 2/23/2024, $175.00

ISO/IEC DIS 23093-5, Information technology - Internet of media things - Part 5: IoMT autonomous collaboration - 2/23/2024, $88.00

ISO/IEC DIS 19566-10, Information technologies - JPEG systems - Part 10: Reference Software - 2/26/2024, $71.00

IEC Standards

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

46/964(F)/FDIS, IEC 60966-4 ED3: Radio frequency and coaxial cable assemblies - Part 4: Sectional specification for semi-rigid coaxial cable assemblies, 12/29/2023

46/965(F)/FDIS, IEC 60966-4-1 ED3: Radio frequency and coaxial cable assemblies - Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies, 12/29/2023

46F/658/FDIS, IEC 61169-10 ED1: Radio-frequency connectors - Part 10: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 3 mm (0,12 in) with snap-on coupling - Characteristic impedance 50 - (Type SMB), 01/19/2024

Dependability (TC 56)

56/2031/FDIS, IEC 60300-1 ED4: Dependability management - Part 1: Managing dependability, 01/19/2024

Electrical accessories (TC 23)

23A/1057/FDIS, IEC 61084-1/AMD1 ED2: Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements, 01/19/2024

23E/1342/FDIS, IEC 62752 ED2: In-cable control and protection device (IC-CPD) for mode 2 charging of electric road vehicles, 01/19/2024

23K/90/CD, IEC 63445 ED1: System referencing conductor switching device, 03/01/2024

Electrical apparatus for explosive atmospheres (TC 31)

31/1748/CDV, IEC 60079-7 ED6: Explosive atmospheres - Part 7: Equipment protection by increased safety "e", 03/01/2024

Electrical equipment in medical practice (TC 62)

62D/2106(F)/FDIS, IEC 80601-2-26/AMD1 ED1: Amendment 1 - Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs, 12/22/2023

62A/1538/DTS, IEC TS 60601-4-6 ED1: Medical electrical equipment - Part 4-6: Guidance and interpretation - Voluntary guidance to help achieve basic safety and essential performance with regard to the possible effects of electromagnetic disturbances, 02/02/2024

Electrical installations of ships and of mobile and fixed offshore units (TC 18)

18/1867/CDV, ISO 16315 ED2: Small craft - Electric propulsion system, 03/01/2024

Fibre optics (TC 86)

86A/2402/CD, IEC 60794-1-119 ED1: Optical fibre cables - Part 1-119: Generic specification - Basic optical cable test procedures - Aeolian Vibration, Method E19, 03/01/2024

86B/4840/CD, IEC 61753-042-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 042-02: Plug-pigtail-style and plug-receptacle-style of OTDR reflecting devices for category C - Controlled environments, 02/02/2024

86B/4842/CD, IEC 61753-084-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 084-02: Non connectorised single-mode 980/1550 nm WWDM devices for category C - Indoor controlled environment, 02/02/2024

86B/4843/CD, IEC 61753-086-02 ED1: Fibre optic interconnecting devices and passive components - Performance standard - Part 086-02: Non-connectorized single-mode bidirectional 1490 / 1550 nm downstream 1310 nm upstream WWDM devices for category C - Indoor controlled environment, 02/02/2024

86C/1895/CDV, IEC 62007-2 ED3: Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods, 03/01/2024

86/634/NP, PNW 86-634 ED1: Optical circuit boards - Part 2-6: Basic test and measurement procedures - Near field pattern analysis of multimode optical waveguides with rectangular core(s) using encircled flux methodology, 03/01/2024

Flat Panel Display Devices (TC 110)

110/1577/CDV, IEC 62595-1-2 ED3: Display lighting unit - Part 1 -2: Terminology and letter symbols, 03/01/2024

110/1574/CDV, IEC 62908-22-10 ED1: Touch and interactive displays - Part 22-10: Measuring methods of fingerprint recognition performance - Under-display optical imaging fingerprint sensing, 03/01/2024

Fuel Cell Technologies (TC 105)

105/1016/CDV, IEC 62282-3-200 ED3: Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods, 03/01/2024

Industrial-process measurement and control (TC 65)

65C/1283(F)/FDIS, IEC 61784-5-X ED5: Industrial communication networks - Profiles - Part 5-x: Installation of fieldbuses - Installation profiles for CPF x (x=2, 3, 6, 12, 21), 12/22/2023

Insulators (TC 36)

36/590/CDV, IEC 61109 ED3: Insulators for overhead lines - Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria, 03/01/2024

36/589/CDV, IEC 62217 ED3: Polymeric HV insulators for indoor and outdoor use - General definitions, test methods and acceptance criteria, 03/01/2024

Lamps and related equipment (TC 34)

34/1151/NP, PNW 34-1151 ED1: Excimer sources for germicidal purpose - Safety specifications, 03/01/2024

34/1152/NP, PNW 34-1152 ED1: Measurement of ozone production from UV-C radiation sources and luminaires, 03/01/2024

34/1153/NP, PNW 34-1153 ED1: Low-pressure mercury discharge UV radiation sources for germicidal purpose - Safety specifications, 03/01/2024

Marine energy - Wave, tidal and other water current converters (TC 114)

114/509/NP, PNW TS 114-509 ED1: Electricity producing ocean thermal energy converters - Power performance assessment, 03/01/2024

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1103/FDIS, IEC 61162-460 ED3: Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security, 01/19/2024

Nuclear instrumentation (TC 45)

45B/1047(F)/FDIS, IEC 61526 ED4: Radiation protection instrumentation - Measurement of personal dose equivalents for X, gamma, neutron and beta radiations - Active personal dosemeters, 12/22/2023

Power capacitors (TC 33)

33/700/CD, IEC 60931-1 ED3: Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1000 V - Part 1: General - Performance, testing and rating - Safety requirements - Guide for installation and operation, 03/01/2024

33/701/CD, IEC 60931-2 ED3: Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1000 V - Part 2: Ageing test and destruction test, 03/01/2024

Power electronics (TC 22)

22/372A/CD, IEC TS 63490 ED1: Terms and Definition for standards incorporating power electronic conversion, 02/23/2024

Power system control and associated communications (TC 57)

57/2625/CDV, IEC 62746-4 ED1: Systems interface between customer energy management system and the power management system - Part 4: Demand Side Resource Interface, 03/01/2024

57/2632/CD, IEC TS 61850-80-6 ED1: Communication networks and systems for power utility automation - Part 80-6: Using IEC 61850 for communication between substations and control centres, 03/01/2024

Rotating machinery (TC 2)

2/2172/CD, IEC 60034-27-7 ED1: Rotating electrical machines - Part 27-7: Insulation systems used in rotating electrical machines for sealed and moisture resistant winding type and quality control tests, 03/01/2024

Safety of household and similar electrical appliances (TC 61)

61/7076(F)/FDIS, IEC 60335-2-120 ED1: Household and similar electrical appliances - Safety - Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols, 12/22/2023

61/7090/FDIS, IEC 60335-2-31 ED6: Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors, 01/19/2024

Semiconductor devices (TC 47)

47F/456/FDIS, IEC 62047-44 ED1: Semiconductor devices - Micro-electromechanical devices - Part 44: Test methods for dynamic performances of MEMS resonant electric-field-sensitive devices, 01/19/2024

Solar photovoltaic energy systems (TC 82)

82/2208/NP, PNW TS 82-2208 ED1: Electrical safety of Snow melting photovoltaic (Snow PV) module - Requirements for construction and testing, 02/02/2024

Surge arresters (TC 37)

37B/243/FDIS, IEC 61643-332 ED1: Components for low-voltage surge protection - Part 332: Selection and application principles for metal oxide varistors (MOV), 01/19/2024

Switchgear and controlgear (TC 17)

17C/924/FDIS, IEC 62271-214 ED2: High-voltage switchgear and controlgear - Part 214: Internal arc classification for AC metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, 01/19/2024

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

121A/586/CD, IEC 60947-1 ED7: Low-voltage switchgear and controlgear - Part 1: General rules, 03/01/2024

121A/585/FDIS, IEC 60947-5-1 ED5: Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices, 01/19/2024

121A/579/CDV, IEC 60947-7-1 ED4: Low-voltage switchgear and controlgear - Part 7-1: Ancillary equipment - Terminal blocks for copper conductors, 03/01/2024

(CISPR)

CIS/B/831(F)/FDIS, CISPR 11 ED7: Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement, 12/22/2023

(TC 125)

125/91/FDIS, IEC 63281-2-1 ED1: E-Transporters - Part 2-1: Safety requirements and test methods for personal e-Transporters, 01/19/2024

Terminology (TC 1)

1/2588/CD, IEC 60050-193 ED1: International Electrotechnical Vocabulary (IEV) - Part 193: Circular economy and material efficiency, 03/01/2024

ISO/IEC JTC 1, Information Technology

(JTC1)

JTC1-SC41/392/CD, ISO/IEC 30178 ED1: Internet of Things (IoT) - Data format, value and coding, 02/02/2024

JTC1-SC25/3208/CD, Guidelines for the use of balanced single pair applications within a balanced 4 pair cabling system, 02/02/2024

JTC1-SC25/3211/CD, ISO/IEC TS 29125/AMD2 ED1: Amendment 2 - Information technology - Telecommunications cabling requirements for remote powering of terminal equipment, 02/02/2024

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

Aircraft and space vehicles (TC 20)

ISO 8267-2:2023, Aircraft - Tow bar attachment fittings interface requirements - Part 2: Regional aircraft, $51.00

ISO 1151-11:2023, Flight dynamics - Vocabulary - Part 11: Control system, $77.00

ISO 23629-9:2023, UAS traffic management (UTM) - Part 9: Interface between UTM service providers and users, $157.00

Anaesthetic and respiratory equipment (TC 121)

ISO 80601-2-55:2018/Amd 1:2023, - Amendment 1: Medical electrical equipment - Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors - Amendment 1, $22.00

Building environment design (TC 205)

ISO 11855-8:2023, Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 8: Electrical heating systems, $77.00

Graphic technology (TC 130)

ISO 24487:2023, Graphic technology - Processless lithographic plates - Evaluation methods for characteristics and performance, $210.00

Health Informatics (TC 215)

ISO 5477:2023, Health informatics - Interoperability of public health emergency preparedness and response information systems, $237.00

ISO 18104:2023, Health informatics - Categorial structures for representation of nursing practice in terminological systems, $183.00

Non-destructive testing (TC 135)

ISO 24367:2023, Non-destructive testing - Acoustic emission testing - Metallic pressure equipment, $183.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 12311:2023, Personal protective equipment - Test methods for sunglasses and related eyewear, $116.00

Petroleum products and lubricants (TC 28)

ISO 3838:2004/Amd 1:2023, - Amendment 1: Crude petroleum and liquid or solid petroleum products - Determination of density or relative density - Capillary-stoppered pyknometer and graduated bicapillary pyknometer methods - Amendment 1, $22.00

Plastics (TC 61)

ISO 182-3:2023, Plastics - Determination of the tendency of compounds and products based on vinyl chloride homopolymers and copolymers to evolve hydrogen chloride and any other acidic products at elevated temperatures - Part 3: Conductometric method, $157.00

ISO 22314:2023, Plastics - Glass-fibre-reinforced products - Determination of fibre length, $51.00

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

ISO 16486-1:2023, Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 1: General, $157.00

Road vehicles (TC 22)

ISO 7637-1:2023, Road vehicles - Electrical disturbances from conduction and coupling - Part 1: Vocabulary and general considerations, $77.00

Robots and robotic devices (TC 299)

IEC 80601-2-77:2019/Amd 1:2023, $22.00

Sports and recreational equipment (TC 83)

ISO 9523:2023, Touring ski-boots for adults - Interface with touring ski-bindings - Requirements and test methods, $157.00

Steel (TC 17)

ISO 630-5:2023, Structural steels - Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance, $157.00

Steel and aluminium structures (TC 167)

ISO 17607-1:2023, Steel structures - Execution of structural steelwork - Part 1: General requirements and terms and definitions, $183.00

ISO 17607-2:2023, Steel structures - Execution of structural steelwork - Part 2: Steels, $210.00

ISO 17607-3:2023, Steel structures - Execution of structural steelwork - Part 3: Fabrication, $263.00

ISO 17607-4:2023, Steel structures - Execution of structural steelwork - Part 4: Erection, $263.00

ISO 17607-5:2023, Steel structures - Execution of structural steelwork - Part 5: Welding, $210.00

ISO 17607-6:2023, Steel structures - Execution of structural steelwork - Part 6: Bolting, $263.00

(TC 330)

ISO 7581:2023, Evaluation of bactericidal activity of a non-porous antimicrobial surface used in a dry environment, $157.00

Textiles (TC 38)

ISO 3758:2023, Textiles - Care labelling code using symbols, $183.00

ISO 14184-3:2023, Textiles - Determination of formaldehyde - Part 3: Free and hydrolysed formaldehyde (extraction method) by liquid chromatography, $116.00

Thermal insulation (TC 163)

ISO 6334:2023, Thermal insulation products for building equipment and industrial installations - Expanded perlite products - Specification, $116.00

Timber structures (TC 165)

ISO 24323:2023, Timber structures - Design method for vibrational serviceability of timber floors, $116.00

Traditional Chinese medicine (TC 249)

ISO 20759:2023, Traditional Chinese medicine - Artemisia argyi leaf, $116.00

Vacuum technology (TC 112)

ISO 21360-6:2023, Vacuum technology - Standard methods for measuring vacuum-pump performance - Part 6: Cryogenic vacuum pumps, $77.00

Water re-use (TC 282)

ISO 16075-6:2023, Guidelines for treated wastewater use for irrigation projects - Part 6: Fertilization, $157.00

ISO Technical Reports

Geosynthetics (TC 221)

ISO/TR 18228-6:2023, Design using geosynthetics - Part 6: Protection, $116.00

Health Informatics (TC 215)

ISO/TR 9143:2023, Health informatics - Sex and gender in electronic health records, $157.00

ISO Technical Specifications

Health Informatics (TC 215)

ISO/TS 4424:2023, Genomics informatics - Data elements and their metadata for describing the tumor mutation burden (TMB) information of clinical massive parallel DNA sequencing, $157.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18092:2023, Telecommunications and information exchange between systems - Near Field Communication Interface and Protocol 1 (NFCIP-1), $210.00

ISO/IEC 23917:2023, Telecommunications and information exchange between systems - Near Field Communication Interface and Protocol 1 (NFCIP-1) - Protocol test methods, $210.00

ISO/IEC 4396-1:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 1: Reference model, $210.00

ISO/IEC 4396-2:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 2: Common application connection establishment procedure, $116.00

ISO/IEC 4396-3:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 3: Common distributed application protocol, $210.00

ISO/IEC 4396-4:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 4: Complete enrolment procedures, $51.00

ISO/IEC 4396-5:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 5: Incremental enrolment procedures, $51.00

ISO/IEC 4396-6:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 6: RINA data transfer service, $116.00

ISO/IEC 4396-7:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 7: Flow allocator, $77.00

ISO/IEC 4396-8:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 8: RINA general delimiting procedures, $51.00

ISO/IEC 4396-9:2023, Telecommunications and information exchange between systems - Recursive inter-network architecture - Part 9: Error and flow control protocol, $183.00

ISO/IEC 13818-1:2023, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems, $263.00

ISO/IEC 18477-3:2023, Information technology - Scalable compression and coding of continuous-tone still images - Part 3: Box file format, $210.00

ISO/IEC 19763-12:2015/Amd 1:2023, - Amendment 1: Information technology - Metamodel framework for interoperability (MFI) - Part 12: Metamodel for information model registration - Amendment 1: Alignment with Edition 4 of ISO/IEC 11179-3, $22.00

ISO/IEC 19763-16:2021/Amd 1:2023, - Amendment 1: Information technology - Metamodel framework for interoperability (MFI) - Part 16: Metamodel for document model registration - Amendment 1: Alignment with Edition 4 of ISO/IEC 11179-3, $22.00

Other

ISO/IEC TS 17021-15:2023, Conformity assessment requirements for bodies providing audit and certification of management systems - Part 15: Competence requirements for auditing and certification of management systems for quality in healthcare organizations, $51.00

IEC Standards

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

IEC 63296-2 Ed. 1.0 b:2023, Portable multimedia equipment - Determination of battery duration - Part 2: Headphones and earphones with active noise-cancelling functions, $95.00

Electric cables (TC 20)

IEC 60228 Ed. 4.0 en:2023 CMV, Conductors of insulated cables, $324.00

IEC 60228 Ed. 4.0 b:2023, Conductors of insulated cables, $190.00

Electrical accessories (TC 23)

IEC 60884-1 Ed. 4.0 b Cor.1:2023, Corrigendum 1 - Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, $0.00

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

IEC 62056-6-1 Ed. 4.0 b:2023, Electricity metering data exchange - The DLMS®/COSEM suite - Part 6-1: Object Identification System (OBIS), $329.00

S+ IEC 62056-6-1 Ed. 4.0 en:2023 (Redline version), Electricity metering data exchange - The DLMS®/COSEM suite - Part 6-1: Object Identification System (OBIS), $428.00

Fluids for electrotechnical applications (TC 10)

IEC 60567 Ed. 5.0 b:2023, Oil-filled electrical equipment - Sampling of free gases and analysis of free and dissolved gases in mineral oils and other insulating liquids - Guidance, $417.00

IEC 60567 Ed. 5.0 en:2023 CMV, Oil-filled electrical equipment - Sampling of free gases and analysis of free and dissolved gases in mineral oils and other insulating liquids - Guidance, $710.00

Rotating machinery (TC 2)

IEC 60034-27-2 Ed. 1.0 b:2023, Rotating electrical machines - Part 27-2: On-line partial discharge measurements on the stator winding insulation, $417.00

Solar photovoltaic energy systems (TC 82)

IEC 62548-1 Ed. 1.0 en:2023, Photovoltaic (PV) arrays - Part 1: Design requirements, $455.00

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 6 – Paper, board and pulps

Reply Deadline: January 31, 2024

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Canada (SCC), the ISO delegated Secretariat of ISO/TC 6 – *Paper, board and pulps*, wishes to relinquish the role of the Secretariat.

ISO/TC 6 operates under the following scope:

Standardization in the field of paper, board pulps cellulosic nanomaterials, and lignins, including terminology, sampling procedures, test methods, product and quality specifications, and the establishment and maintenance of appropriate calibration systems. This includes all types of paper, pulps and board as well as products thereof containing any portion of recycled material or material intended for recycling. Excluded: Matters falling within the scopes of particular technical committees (e.g. ISO / TC 42, 46, 122, 130, 154) with which liaison should be maintained.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 6. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

Information concerning the United States acquiring the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Cultural Heritage Conservation

Comment Deadline: December 15, 2023

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

Standardization in the field of terminology, technologies, materials and equipment for monitoring, evaluation, preservation and restoration of cultural heritage.

Excluded: ISO/TC 36 Cinematography, ISO/TC 42 Photography, ISO/TC 46 Information and documentation

Note: Limited to tangible cultural heritage. If an overlap or the potential for overlap with other TC/SC is identified, coordination with related TC/SC should be sought by contacting or working with working groups.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on **Friday, December 15, 2023**.

Meeting Notices (International)

ANSI-Accredited U.S. TAG to ISO/TC 299 Robotics

Meeting Series: U.S. TAG to ISO TC 299, Robotics, Official Monthly Meeting Sessions through December 2024

Meeting Format & Location: Remote via Teams, unless otherwise specified (below)

Virtual Meeting Frequency: Monthly, 1st Wednesday of the month, unless otherwise specified (below)

Meeting Sponsor/Host: A3, the Association for Advancing Automation

Purpose: Prepare for U.S. participation in upcoming meetings and ballots for ISO TC 299 and its Working Groups

Day/Date/Time for Virtual Sessions:
Wednesday, January 10, 2024; 9:00 AM – 10:30 AM (Eastern Time) - Note this is not the 1st Wednesday of the month
Wednesday, February 7, 2024; 9:00 AM – 10:30 AM (Eastern Time)
Tuesday, March 19, 2024; 1:00 – 5:30 PM (Eastern Time) – Note this is not the 1st Wednesday of the month. This meeting will be hybrid, with face-to-face participants meeting in North Reading, Massachusetts
Wednesday, April 3, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, May 1, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, June 5, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, July 10, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, August 7, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, September 4, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, October 2, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, November 6, 2024; 9:00 – 10:30 AM (Eastern Time)
Wednesday, December 4, 2024; 9:00 – 10:30 AM (Eastern Time)

For More Information: Contact Maren Roush, mroush@automate.org

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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*The "Submit End" deadline applies to forms received by Monday, 5:00 PM ET

Based on the dates below, an ASD can anticipate that a request made between the SUBMIT START date and the *SUBMIT END 5 PM date will appear in ANSI Standards Action on the SA PUBLISHED date.
The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
01	12/19/2023	12/25/2023	Jan 5	2/4/2024	2/19/2024	3/5/2024
02	12/26/2023	1/1/2024	Jan 12	2/11/2024	2/26/2024	3/12/2024
03	1/2/2024	1/8/2024	Jan 19	2/18/2024	3/4/2024	3/19/2024
04	1/9/2024	1/15/2024	Jan 26	2/25/2024	3/11/2024	3/26/2024
05	1/16/2024	1/22/2024	Feb 2	3/3/2024	3/18/2024	4/2/2024
06	1/23/2024	1/29/2024	Feb 9	3/10/2024	3/25/2024	4/9/2024
07	1/30/2024	2/5/2024	Feb 16	3/17/2024	4/1/2024	4/16/2024
08	2/6/2024	2/12/2024	Feb 23	3/24/2024	4/8/2024	4/23/2024
09	2/13/2024	2/19/2024	Mar 1	3/31/2024	4/15/2024	4/30/2024
10	2/20/2024	2/26/2024	Mar 8	4/7/2024	4/22/2024	5/7/2024
11	2/27/2024	3/4/2024	Mar 15	4/14/2024	4/29/2024	5/14/2024
12	3/5/2024	3/11/2024	Mar 22	4/21/2024	5/6/2024	5/21/2024
13	3/12/2024	3/18/2024	Mar 29	4/28/2024	5/13/2024	5/28/2024
14	3/19/2024	3/25/2024	Apr 5	5/5/2024	5/20/2024	6/4/2024
15	3/26/2024	4/1/2024	Apr 12	5/12/2024	5/27/2024	6/11/2024
16	4/2/2024	4/8/2024	Apr 19	5/19/2024	6/3/2024	6/18/2024
17	4/9/2024	4/15/2024	Apr 26	5/26/2024	6/10/2024	6/25/2024
18	4/16/2024	4/22/2024	May 3	6/2/2024	6/17/2024	7/2/2024
19	4/23/2024	4/29/2024	May 10	6/9/2024	6/24/2024	7/9/2024
20	4/30/2024	5/6/2024	May 17	6/16/2024	7/1/2024	7/16/2024
21	5/7/2024	5/13/2024	May 24	6/23/2024	7/8/2024	7/23/2024
22	5/14/2024	5/20/2024	May 31	6/30/2024	7/15/2024	7/30/2024
23	5/21/2024	5/27/2024	Jun 7	7/7/2024	7/22/2024	8/6/2024
24	5/28/2024	6/3/2024	Jun 14	7/14/2024	7/29/2024	8/13/2024
25	6/4/2024	6/10/2024	Jun 21	7/21/2024	8/5/2024	8/20/2024
26	6/11/2024	6/17/2024	Jun 28	7/28/2024	8/12/2024	8/27/2024
27	6/18/2024	6/24/2024	Jul 5	8/4/2024	8/19/2024	9/3/2024
28	6/25/2024	7/1/2024	Jul 12	8/11/2024	8/26/2024	9/10/2024
29	7/2/2024	7/8/2024	Jul 19	8/18/2024	9/2/2024	9/17/2024

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30	7/9/2024	7/15/2024	Jul 26	8/25/2024	9/9/2024	9/24/2024
31	7/16/2024	7/22/2024	Aug 2	9/1/2024	9/16/2024	10/1/2024
32	7/23/2024	7/29/2024	Aug 9	9/8/2024	9/23/2024	10/8/2024
33	7/30/2024	8/5/2024	Aug 16	9/15/2024	9/30/2024	10/15/2024
34	8/6/2024	8/12/2024	Aug 23	9/22/2024	10/7/2024	10/22/2024
35	8/13/2024	8/19/2024	Aug 30	9/29/2024	10/14/2024	10/29/2024
36	8/20/2024	8/26/2024	Sep 6	10/6/2024	10/21/2024	11/5/2024
37	8/27/2024	9/2/2024	Sep 13	10/13/2024	10/28/2024	11/12/2024
38	9/3/2024	9/9/2024	Sep 20	10/20/2024	11/4/2024	11/19/2024
39	9/10/2024	9/16/2024	Sep 27	10/27/2024	11/11/2024	11/26/2024
40	9/17/2024	9/23/2024	Oct 4	11/3/2024	11/18/2024	12/3/2024
41	9/24/2024	9/30/2024	Oct 11	11/10/2024	11/25/2024	12/10/2024
42	10/1/2024	10/7/2024	Oct 18	11/17/2024	12/2/2024	12/17/2024
43	10/8/2024	10/14/2024	Oct 25	11/24/2024	12/9/2024	12/24/2024
44	10/15/2024	10/21/2024	Nov 1	12/1/2024	12/16/2024	12/31/2024
45	10/22/2024	10/28/2024	Nov 8	12/8/2024	12/23/2024	1/7/2025
46	10/29/2024	11/4/2024	Nov 15	12/15/2024	12/30/2024	1/14/2025
47	11/5/2024	11/11/2024	Nov 22	12/22/2024	1/6/2025	1/21/2025
48	11/12/2024	11/18/2024	Nov 29	12/29/2024	1/13/2025	1/28/2025
49	11/19/2024	11/25/2024	Dec 6	1/5/2025	1/20/2025	2/4/2025
50	11/26/2024	12/2/2024	Dec 13	1/12/2025	1/27/2025	2/11/2025
51	12/3/2024	12/9/2024	Dec 20	1/19/2025	2/3/2025	2/18/2025
52	12/10/2024	12/16/2024	Dec 27	1/26/2025	2/10/2025	2/25/2025

BSR/ASHRAE Addendum e
to ANSI/ASHRAE Standard 147-2019

Public Review Draft

Proposed Addendum e to Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems

First Public Review (December 2023)
(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.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

ASHRAE, 180 Technology Parkway, Peachtree Corners GA 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 addendum makes additions to **Section 3 Definitions, 6.2 Factory Leak Testing, 6.4 Factory Evacuation, and 11 Normative References.** These changes are necessary to harmonize with ASHRAE 196 and 173, comply with the US AIM Act, and improve factory evacuation and testing procedures.

[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 e to Standard 147-2019

Revise Section 3 Definitions as shown below.

calibrated leak: a device with a defined leak rate of a given gas under defined pressure and temperature conditions. These conditions are defined upstream and downstream of the leak element. Calibrated leaks are to be traceable to a national metrology institute. *Informative note:* National metrology institute such as the National Institute of Standards and Technology

Hydrofluoroolefin (HFO): an unsaturated halocarbon that contains only fluorine, carbon, and hydrogen.

Revise Section in section 6.2 Factory Leak Testing specifically 6.2.1 to break it up into 6.2.1 through 6.2.4 and update language for clarity

6.2.1 Leak Rate Specification. All equipment types shall be leak tested by either a leak rate measurement method or a leak location method such as those described in Informative Appendix A, Section A4.3. ~~The measured leak rate shall not exceed the values established for the method selected in Table 6-1 (when tested at the conditions prescribed in ANSI/ASHRAE Standard 15-2, Section 9.14.1). The components of Equipment Types 6, 9, and 10 shall be tested as Type 1, 2, or 3 assemblies, as appropriate. The apparatus used to perform the leak test shall be qualified through the use of a NIST (or equivalent recognized agency) traceable calibrated leak. The repeatability and reproducibility of the leak test apparatus shall be determined through the use of a calibrated leak in a go/no-go attribute test per the manufacturer's requirements.~~

6.2.2 The measured leak rate shall not exceed the values established for the method selected in Table 6-1 when tested at not less than the design pressure conditions as defined in ANSI/ASHRAE Standard 15.

6.2.3 The components of Equipment Types 6, 9, and 10 shall be tested as Type 1, 2, or 3 assemblies.

6.2.4 The apparatus used to perform the leak test shall be qualified through the use of a *calibrated leak*. The repeatability and reproducibility of the leak test apparatus shall be determined through the use of a *calibrated leak* in a go/no-go attribute test per the manufacturer's requirements.

Add Sections 6.2.5 as part of Section 6 Manufacture

6.2.5 **Calibrated Leak Specification**. The calibrated leak shall have a certificate of calibration from an ISO 17025 accredited laboratory.

Modify Sections 6.2.2 as part of Section 6 Manufacture

~~6.2.2~~ 6.2.6 **Leak Test Gas**. Chlorofluorocarbons (CFCs) and *Hydrochlorofluorocarbons (HCFC)* are prohibited by this standard for use as a leak test gas. ~~Hydrochlorofluorocarbon (HCFC) or~~ *Hydrofluorocarbon* (HFC) and *Hydrofluoroolefin* (HFO) refrigerants and blends are prohibited by this standard for use as leak-test gases unless they are recovered. A mixture of a trace quantity ~~of~~ no more than 10% by mass~~)~~ of HFC or HFO refrigerants ~~non-CFC halocarbon refrigerant, such as HCFC-123,~~ with nitrogen may be used as the leak-test gas. ~~Leak-test gas containing halocarbon refrigerants shall be recovered and reused.~~

Modify Section 6.4 as part of Section 6 Manufacture

6.4 Evacuation. Systems shall be evacuated to 500 um Hg (65 Pa) ~~1000 µg~~ of mercury or less and held long enough to remove detrimental moisture as defined by the manufacturer.

Add to Section 11. Normative References

International Organization for Standardization. (2017) *ISO 17025 General requirements for the competence of testing and calibration laboratories*. *Third edition.* Washington, DC.

BSR/ASHRAE Addendum i
to ANSI/ASHRAE Standard 34-2022

Public Review Draft

Proposed Addendum i to Standard 34-2022, Designation and Safety Classification of Refrigerants

First Public Review (December 2023)
(Draft shows Proposed Changes to Current Standard)

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

This standard is under continuous maintenance. To propose a change to the current standard, follow the instructions on the ASHRAE website at https://www.ashrae.org/technical-resources/standards-and-guidelines/standards-and-guidelines-under-continuous-maintenance.

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180 Technology Parkway NW, Peachtree Corners, GA 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 adds the zeotropic refrigerant blend R-475B to Tables 4-2 and D-2.

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

Addendum i to Standard 34-2022

Modify Tables 4-2 and D-2 as shown.

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 475B
Composition (Mass %) = R-1234yf/134a/1234ze(E) (35.4/10.1/54.5)
Composition tolerances = +0.3, -1.0/+1.0, -0.1/+1.1, -1.0
OEL = 670 ppm v/v
Safety Group = A2L
RCL = 20,000 ppm v/v; 5.9 lb/1000 ft^3; 93 g/m^3
LFL = 80,000 ppm v/v; 23.0 lb/1000 ft^3; 370 g/m^3
BV = ≤4 cm/s
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 475B
Composition (Mass %) = R-1234yf/134a/1234ze(E) (35.4/10.1/54.5)
Average Relative Molar Mass = 112.7 g/mol
Bubble Point (°F) = –15.3
Dew Point (°F) = –13.9
Bubble Point (°C) = –26.3
Dew Point (°C) = –25.5

[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

-
-
-

9 Quality Assurance

-
-
-

Table 9.14
PVC fittings and pipe bell ends test frequency

Test	Potable water	DWV	Sewer	Well casing	PSM sewer fittings	Pipe bell ends
acetone	—	—	24 h [a]	—	—	—
burst pressure [b,c]	weekly	—	—		—	weekly
deflection load and crush resistance [d]	—	annually	—	annually	—	—
deflection test	—	start-up [e]	—	—	—	—
dimensions						
body wall thickness	weekly[m]	weekly[m]	weekly[m]	weekly[m]	—	—
socket bottom average diameter and out-of-roundness [f,g]	24 h	24 h	24 h	24 h	24 h	start-up
socket entrance average	24 h	24 h	24 h	24 h	24 h	start-up

Table 9.14
PVC fittings and pipe bell ends test frequency

Test	Potable water	DWV	Sewer	Well casing	PSM sewer fittings	Pipe bell ends
diameter and out-of-roundness [f,g]						
socket depth [f,g,h]	24 h	24 h	24 h	24 h	24 h	start-up
socket wall thickness	weekly[m]	weekly[m]	weekly[m]	weekly[m]	weekly[m]	start-up
spigot ends of fittings: minimum wall thickness	weekly[m]	weekly[m]	weekly[m]	weekly[m]	—	—
spigot ends of fittings: average diameter and out-of-roundness [g,i]	24 h	24 h	24 h	24 h	—	—
thread length [h]	(see Footnote h)	(see Footnote h)	(see Footnote h)	(see Footnote h)	—	—
thread gauge	24 h	24 h	—	24 h	—	—
flattening	—	annually [j]	—	—	—	—
heat reversion [k]	8 h	8 h	—	—	—	—
impact at 22.8 °C (73 °F) [d]	—	weekly	—	—	monthly	—
joint tightness	—	—	—	—	—	annually
shear test	—	start-up [e]	—	—	—	—
tup puncture resistance	—	—	—	annually	—	—
threaded joint strength (hydrostatic)	—	—	—	weekly	—	—
unrestrained hydrostatic test	—	start-up [e]	—	—	—	—
product standard(s)	ASTM D2464, ASTM D2466, ASTM D2467, CSA B137.3	ASME A112.4.4 ASTM D2665, ASTM D2949, CSA B181.2	ASTM D2729, ASTM D3034, ASTM F679	ASTM F480	ASTM F1336	ASTM D2672, ASTM D3139, ASTM D3212

Table 9.14
PVC fittings and pipe bell ends test frequency

Test	Potable water	DWV	Sewer	Well casing	PSM sewer fittings	Pipe bell ends

[a] Acetone applies only to products produced under ASTM D2729 as referenced in Section 2 of this standard.

[b] Burst pressure requirement does not apply to reducer bushings.

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

[d] Toilet flanges listed to ASTM D2665, D2949, CSA B181.2, and ASME A112.4.4 are exempt from the QC requirements of crush and impact.

[e] This requirement applies only to products under ASME A112.4.4.

[f] Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all mold cavities to verify compliance with the referenced standard.

[g] Requirements do not apply to ASTM F679 fabricated fittings and bell ends.

[h] Socket depth and thread length are only required to be verified at the time a new tool is “qualified” or when new or repaired cores are made.

[i] Ring gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all cavities to verify.

[j] Flattening applies only to products produced under ASTM D2949 as referenced in Section 2 of this standard.

[k] This requirement applies only to products produced under CSA B181.2 and CSA B137.3.

[m] Once walls have been measured and verified to be within specification twice within a week of startup, wall thickness measurements shall be conducted no less than once per month.

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Table 9.26
Fittings or appurtenances used in PVC or CPVC systems

Test	Frequency
dimensions	
body wall thickness	weekly [b]
socket bottom average diameter and out-of-roundness	24 h
socket entrance average diameter and out-of-roundness	24 h
socket depth [a]	24 h
socket wall thickness	24 h[b]
spigot ends of fittings, minimum wall thickness	24 h[b]
thread length [a]	weekly
thread gauge	24 h
all other required insert dimensions	weekly
burst pressure	weekly
product standard(s)	ASTM F1970

[a] Socket depth and thread length are only required to be verified at the time a new tool is "qualified" or when new or repaired cores are made.

[b] Once walls have been measured and verified to be within specification twice within a week of startup, wall thickness measurements shall be conducted no less than once per month..

[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 42:

Drinking Water Treatment Units – Aesthetic Effects

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7.3 Chemical reduction testing

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7.3.2 Chloramine reduction testing

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7.3.2.6 Influent challenge

7.3.2.6.1 Chloramine reduction test water

A water supply (municipal, well, RO/DI, or any combination of these) with parameters adjusted to ~~with~~ the following ~~specific~~ characteristics shall be used:

pH	9.0 ± 0.25
temperature	20 ± 3 °C (68 ± 5 °F)
TDS	200 to 500 mg/L
hardness	< 170 mg/L as $CaCO_3$
turbidity	< 1 NTU
TOC (total organic carbon)	> 1.0 mg/L [a]
organic nitrogen [b]	< 0.2 mg/L [c]
chloramine (analyzed as specified in Section 7.3.2.3)	2.7 to 3.3 mg/L monochloramine (measured as Cl_2/L) [d]

[a] If naturally present in source water at adequate concentration. Adjustment of TOC is given in Section 7.3.2.6.4.

[b] Measured as the difference between Kjeldahl nitrogen and ammonia nitrogen.

[c] This requirement may be waived if the test water used during analytical validation (Section 7.3.2.3.2) contains organic nitrogen > 0.2 mg/L.

[d] Monochloramine NH_2Cl (CAS #10599-90-3)

NOTE — mg/L monochloramine (as mg Cl_2/L) = mg/L NH_2Cl × 1.4.

The water characteristics shall be adjusted using the procedures in this section. In addition, the test water shall be prefiltered through a particulate reduction filter rated to the Class I requirements of NSF/ANSI 42.

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7.3.2.3 Analytical methods

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7.3.2.3.2 Monochloramine analysis

Analyses for monochloramine reduction testing shall be performed in accordance with either the DPD Ferrous Titrimetric Method (4500-Cl F) or the DPD Colorimetric Method (4500-Cl G) in *Standard Methods*.[4] The method used for monochloramine analysis shall be validated for the challenge water used (see Section 7.3.2.5). A challenge water sample shall be split for analysis by both the selected method and the HPLC Method defined in Annex N-1. A minimum of seven analyses shall be generated from the split sample using both the selected analytical method and the HPLC method. The monochloramine results from both methods shall be compared using a Student's *t* test, and no significant difference shall be observed at the 95% confidence level. Subsequent monochloramine analysis shall be according to the selected method after successful validation.

When significant changes to the challenge water chemistry occur (e.g., change from municipal to synthetic water), revalidation of the selected monochloramine method shall be performed.

NOTE — As an alternative, the HPLC method in Annex N-1 may be used for all monochloramine analyses.

***Rationale*: Provides clarifying language to explicitly permit the use of synthetic water that meets the chloramine reduction test water criteria in Section 7.3.2.6.1.**

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

NSF/ANSI Standard
for Health Sciences –

Dietary Supplements

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5 Product requirements

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5.3 Contaminants

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5.3.5 Known adulterants

Products and their components shall have specifications to ensure that they do not contain contaminants that result in an adulterated finished product. Manufacturers shall consult sources of information on known adulterants or official compendia or other authoritative references, to set appropriate specifications. The lists in sections 5.3.5.1 to 5.3.5.4 are not exhaustive.

5.3.5.1 Weight-loss/weight-management products

Products marketed for weight-loss or weight management shall not contain any of the following compounds at a concentration greater than 50 mcg/g, verified by testing in accordance with Section 7.4. Other substances which are not dietary ingredients and have similar biological activity may be adulterants.

Substance
1,3-DMAA
1,3-DMBA
1,4-DMAA
beta-methylphenylethylamine
dapoxetine
desmethylsibutramine
deterenol
didesmethylsibutramine
fluoxetine

lorcaserin
N,alpha-diethylphenylethylamine
octodrine
oxilofrine
phenolphthalein
phenpromethamine
sibutramine

5.3.5.2 Sexual wellness products

Products marketed for sexual wellness shall not contain any of the following compounds and any of their analogs at a concentration greater than 50 mcg/g, verified by testing in accordance with Section 7.4. Other substances which are not dietary ingredients and have similar biological activity may be adulterants.

Substance
2-Hydroxypropylnortadalafil
Acetaminotadalafil
Acetildenafil
Acetylvardenafil
Aildenafil
Aminotadalafil
Avanafil
Benzamidenafil
Benzylsildenafil
Carbodenafil
Chlorodenafil
Chloropretadalafil
Dapoxetine
Dimethylacetildenafil
Gendenafil
Gisadenafil
Homosildenafil
Hydroxyacetildenafil
Hydroxychlorodenafil
Hydroxyhomosildenafil
Hydroxythiohomosildenafil
Hydroxythiovardenafil
Hydroxyvardenafil
Imidazosagatriazinone

Lodenafil carbonate
Mirodenafil
N-butylnortadalafil
N-desethylvardenafil
N-desmethylsildenafil
Nitrodenafil
N-octylnortadalafil
Noracetildenafil
Norneosildenafil
Norneovardenafil
Nortadalafil
Piperiacetildenafil
Propoxyphenylhomohydroxysildenafil
Propoxyphenylsildenafil
Propoxyphenylthiohydroxyhomosildenafil
Pseudovardenafil
Sildenafil
Tadalafil
Thioaildenafil
Thiohomosildenafil
Thiosildenafil
Udenafil
Vardenafil

5.3.5.3 Joint Health or Wellness products

Products marketed for joint health or wellness shall not contain any of the following compounds at a concentration greater than 50 mcg/g, verified by testing in accordance with Section 7.4. Other substances which are not dietary ingredients and have similar biological activity may be adulterants.

Substance
diclofenac
dexamethasone
indomethacin
methocarbamol
acetaminophen
ibuprofen
meloxicam
piroxicam

naproxen
prednisone
prednisolone
hydrocortisone

5.3.5.4 Sports Performance products

Products marketed for sports performance products, e.g., products optimizing skeletal muscle growth, shall not contain any of the following compounds at a concentration greater than 50 mcg/g, verified by testing in accordance with Section 7.4. Other substances which are not dietary ingredients and have similar biological activity may be adulterants.

Substance
GW1516
ibutamoren
LGD-4033
ostarine
RAD140
1-androsterone
4-Androsten-3,6,17-trione
4-androstene-3a-ol-17-one
4-androstene-3b-ol-17-one
4-androstenedione
7-keto-dehydroepiandrosterone
Androsta-1,4,6-trienedione
androsta-3,5-diene-7,17-dione
androsterone
dehydrochloromethyltestosterone
Estra-4,9-diene-3,17-dione
Methandienone
Methasterone
Methyl-1-testosterone
Methylstenbolone
Prostanozol
stanozolol

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7.4 Test methods for chemical contaminants

7.4.1 Aristolochic acid

Testing shall be performed based on AOAC Official Method 2007.05, *Aristolochic Acid I in Botanicals and Dietary Supplements Potentially Contaminated with Aristolochic Acid I (LC/UV with Confirmation by LC/MS), a modification of this* method, or another scientifically valid method which has been shown to be fit for purpose for the ~~particular~~ sample matrix being tested.

7.4.2 Other chemical contaminants

The most appropriate method should be selected to ~~confirm claims for the product under evaluation~~ evaluate the product for compliance with applicable subsections within Section 5.3. Sources for methods should include AOAC International, USP21, and other method sources. The selected method is to be scientifically valid and suitable for the purpose of analysis of the ~~specific sample type~~ product being tested. Modification of an existing method to better suit the ~~sample~~ product under test is ~~allowable~~ permitted. Development of a new method or application of improved technology~~, for a more accurate and precise method,~~ is ~~allowable~~ permitted. The use of any modified or new method shall require ~~that~~ an assessment to verify its performance based upon its intended use. Replacing an established method is permitted provided the performance of the replacement method is equivalent or better than the performance of the established method.~~be performed which includes evaluation of the specificity, linearity, reproducibility, accuracy, spike recovery, and method detection limit~~.

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

1. Adoption of IEC 62133-2 Amendment 1:2021.

PROPOSAL

7.1.2 Second procedure

This charging procedure applies only to 7.3.1, 7.3.4, 7.3.5, and 7.3.9.

After stabilization for 1 h ~~and~~ to 4 h~~, respectively,~~ at an ambient temperature of the highest test temperature and the lowest test temperature, respectively, as specified in Table 2, cells are charged by using the upper limit charging voltage and maximum charging current, until the charging current is reduced to 0,05 I_t A, using a constant current to constant voltage charging method.

NOTE The voltage and current can vary depending upon the temperature range (e.g. between T_2 and T_3 or between T_1 and T_4 of Figure A.1).

Stabilization time within the specified time range should allow for thermal equilibrium to be reached where possible.

Table 2 – Condition of charging procedure

Upper limit charging voltage	Maximum charging current	Charging temperature upper limit	Charging temperature lower limit
Specified by the manufacturer of cells~~/cell~~	Specified by the manufacturer of cells	Specified by the manufacturer of cells	Specified by the manufacturer of cells

7.3.5 Crush (cells)

a) Requirements

Severe crushing of a cell shall not cause fire or explosion.

b) Test

Each fully charged cell, charged according to the second procedure ~~at the upper limit charging temperature~~ in 7.1.2, is immediately transferred and crushed between two flat surfaces in an ambient temperature. The force for the crushing is applied by a device exerting a force of 13 kN ± 0,78 kN. Once the maximum force has been applied, or an abrupt voltage drop of one-third of the original voltage has been obtained, the force is released.

A cylindrical or prismatic cell is crushed with its longitudinal axis parallel to the flat surfaces of the crushing apparatus. Test only the wide side of prismatic cells.

A coin cell shall be crushed by applying the force on its flat surface.

c) Acceptance criteria

No fire, no explosion.

7.3.6 Over-charging of battery

a) Requirements

~~Charging for longer periods than specified by the manufacturer shall not cause fire or explosion.~~ Battery overcharge protection circuitry, if provided in the battery, shall be capable of protecting the cells to prevent fire or explosion.

b) Test

The test shall be carried out in an ambient temperature of 20 °C ± 5 °C. Each test battery shall be discharged at a constant current of 0,2 *I*t A, to a final discharge voltage specified by the manufacturer. Sample batteries shall then be charged at a constant current of 2,0 *I*t A, using a supply voltage which is:

• 1,4 times the upper limit charging voltage presented in Table A.1 (but not to exceed 6,0 V) for single cell/cell block batteries or

• 1,2 times the upper limit charging voltage presented in Table A.1 per cell for series connected multi-cell batteries, and

• sufficient to maintain a current of 2,0 *I*t A throughout the duration of the test or until the supply voltage is reached.

A thermocouple shall be attached to each test battery.

For batteries with a case, the temperature shall be measured on the battery case. The test shall be continued until the temperature of the outer case reaches steady state conditions (less than 10 °C change in a 30-min period) or returns to ambient.

c) Acceptance criteria

No fire, no explosion.

Table 5 – Ambient temperature for cell test [a]

Test item	Test at lowest test temperature °C	Test at highest test temperature °C
b) 2) ii)	~~10 ± 2~~ Lower limit charging temperature ± 2	~~45 ± 2~~ Upper limit charging temperature ± 2
b) 2) iv)	~~10 ± 2~~ Lower limit charging temperature ± 2	~~45 ± 2~~ Upper limit charging temperature ± 2
b) 3) i) A	~~5 ± 2~~ Lower limit charging temperature ± 2	~~50 ± 2~~ Upper limit charging temperature ± 2
b) 3) ii) A	~~10 ± 5~~ Lower limit charging temperature ± 2	~~45 ± 5~~ Upper limit charging temperature ± 2
[a] The test is conducted using conditions in Table 2.		

Annex F
(informative)

Component standards references

Components relied upon for safety of the battery should comply with their appropriate component standard if applicable. ~~See Table F.1 for some component standards that may apply to battery components.~~ The list in Table F.1 is not considered a comprehensive list of all potential component safety standards that may apply. In addition, country and regional component safety standards as well as international component safety standards may be considered if they are suitable for the component in question, and the component is being used in the battery circuit in accordance with the protective component's specifications. See Table F.1 for some component standards that may apply to battery components.

Table F.1 – Example ~~C~~component standard references

Component	IEC standard reference
Fuse	IEC 60127 (all parts), *Miniature fuses*
PTC device	IEC 60738-1, *Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification*
Thermal link	IEC 60691, *Thermal-links – Requirements and application guide*
~~FET~~	~~IEC 60747-8, *Semiconductor devices – Discrete devices – Part 8: Field-effect transistors*~~

Table F.1DV DE Modification to revise Table F.1:

Add a fourth line for "FET" to Table F.1 as follows:

FET	**IEC 60747-8, *Semiconductor devices – Discrete devices – Part 8: Field-effect transistors***

UL 181B, Standard for Safety for Closure Systems for Use with Flexible Air Ducts and Air Connectors

1. Part II Mastic Closure Systems Section 22.4 - Temperature Test Revision

PROPOSAL

22.4 Immediately following the conditioning described above, the test specimens and control samples are to be placed in an air circulating oven maintained at 212 ±5 °F (100 ±3 °C)~~265°F ±5 (129.4°C)~~ for a period of 60 days.

BSR/UL 360, Standard for Safety for Liquid-Tight Flexible Metal Conduit.

1. Liquid tight flexible metal conduit with a core constructed of stainless steel shall be exempt from the Fault Current test as found in paragraph 9.1A of UL360.

PROPOSAL

3.2 Steel conduit in trade sizes 3/8 – 1-1/4 (12 – 35) shall be provided with a bonding strip wound enclosed by the conduit convolutions throughout the entire length of the conduit. Conduit made from aluminum, brass, bronze, and copperi in these trade sizes shall be tested according to the Resistance Test, Section 8 and the Fault Current Test, Section 9 to determine the need for a bonding strip. Stainless Steel flexible metal core need only be subjected to this test the Fault Current Test, Section 9. The material and dimensions of the bonding strip shall result in the finished conduit having the resistance values shown in Table 8.1 before high-current testing and shall not adversely affect the flexibility and minimum bending radii of the finished conduit.

9.1A A stainless steel flexible metal core conduit shall not open when previously untested specimens of the finished conduit are subjected to a current of 470 A for 4 seconds for trade sizes 3/8 (12) and 1/2 (16), and 750 A for 4 seconds for trade sizes 3/4 – 1-1/4 (21 – 35). The test shall be conducted both on previously untested specimens without an external jumper and on previously untested specimens with an external jumper installed in an orientation which does not permit the jumper to lay on the jacket, e.g. topdead center. The thermoplastic jacket on the conduit shall not flame. After the test specimens have cooled to room temperature, the integrity of the jacket shall be such that both of the following are complied with:
a) The total area(s) of the metal conduit exposed due to openings in the jacket shall not be more than 5 percent of the specimen exterior surface area and
b) The largest dimension of any single opening in the jacket shall not exceed 7.5 inches (190 mm).

<u>9.1A Stainless Steel flexible metal core need not be subjected to this test.</u>

BSR/UL 9595, Standard for Safety for Factory Follow-Up on Personal Flotation Devices (PFDs)

2. Correction of Vertical Test Load for Inherently Buoyant PFD's

PROPOSAL

A7.1

For UL 1123, UL 1177, UL 1180 Devices

INHERENTLY BUOYANT PFD REQUIRED TEST LOADS		
PFD TYPE	**TEST LOAD (N)**	**DURATION (MIN)**
Adult or Youth	1300	~~2~~5
Child	1000	~~2~~5
Infant	500	~~2~~5
Commercial / SOLAS	3200	30

INFLATABLE PFD REQUIRED TEST LOADS		
PFD TYPE	**TEST LOAD (N)**	**DURATION (MIN)**
Recreational	2000	5
Commercial / SOLAS	3200	30

A8.1

For UL 1123, UL 1177, UL 1180 Devices

INHERENTLY BUOYANT PFD REQUIRED TEST LOADS		
PFD TYPE	**TEST LOAD (N)**	**DURATION (MIN)**
Adult	670	~~5~~2
Youth or Child	515	~~5~~2
Infant	270	~~5~~2
INFLATABLE PFD REQUIRED TEST LOADS		
PFD TYPE	**TEST LOAD (N)**	**DURATION (MIN)**
Recreational	890	5
Commercial / SOLAS	890	30

3. Seal Seam Strength Test Review test requirements

PROPOSAL

A14 Seal Seam Strength Test

A14.1 Method

Inflatable Chambers can be tested by either (A) Seam Strength Test or (B) Test to Destruction test.

(A) Seam Strength Test

~~At least one inflatable chamber per lot (or following the requirements in Table 6.3) should be inflated till destruction and the burst pressure and point of failure recorded.~~

Ten samples, each measuring 25 x 200 mm, shall be used. Each sample consists of two, 25 x 100 mm, pieces of fabric sealed together with a seal seam. A minimum of two samples shall be cut with the long dimension parallel to the warp yarns of the chamber material and at least two samples shall be cut with the long dimension perpendicular to the warp yarns of the chamber material.

In lieu of cutting seam samples from the completed bladders, prepared welded seams may be used with 5 samples constructed in the warp direction and 5 samples constructed in the fill direction.

No sample shall include selvage.

Initial jaw separation shall be 76 mm. The unsealed ends of the sample shall be clamped lengthwise and centered between the upper and lower clamps of the tensile test machine. The seal seam area of the sample shall be centered between the clamps and aligned perpendicular to the direction of pull, allowing sufficient slack so that the seal seam is not pre-stressed. The sealed ends of the fabric should be allowed to hang freely in lieu of being held perpendicularly to the direction of pull. The jaws shall then be separated at the rate of 300 ± 25 mm per minute. The maximum force required to cause rupture shall be recorded. Rubber padded jaws may be used to prevent slippage. Samples that slip in the clamps shall be discarded and the test repeated.

(B) Test to Destruction Test

At least one inflatable chamber per lot (or following the requirements in Table 6.3) should be inflated till destruction and the burst pressure and point of failure recorded.

A14.2 Basis of Acceptability

~~The burst pressure must be above the minimum defined in the Follow-Up Document. The point of failure should be as defined in the Follow-Up Document.~~

(A) Seam Strength Test

The average seal seam strength shall be as specified in the Follow-Up Document. Averages for a fabric direction require a minimum of 5 samples in that direction. If insufficient samples are available for a given direction, the minimum average value of the 10 specimens shall be the average of the Warp plus Fill, or other Acceptable Values.

(B) Test to Destruction Test

The burst pressure must be above the minimum defined in the Follow-Up Document. The point of failure should be as defined in the Follow-Up Document.