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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.

A3 (Association for Advancing Automation)

Maren Roush; mroush@automate.org | 900 Victors Way, Suite 140 | Ann Arbor, MI 48108-5210 www.automate.org/robotics

National Adoption

BSR/RIA R15.06-202x, Industrial Robots and Robot Systems - Safety Requirements (identical national adoption of ISO 10218-1:2011 and ISO 10218-2:2011 and revision of ANSI/RIA R15.06-2012)
Stakeholders: Industrial robot manufacturers, integrators, and users.

Project Need: This project is needed to update safety requirements for both manufacturers and integrators of industrial robots, as predicated by updates to the ISO standards for which this ANS is a national adoption. It will also consolidate information related to user responsibilities.

Interest Categories: Producer, Supplier, User, Researcher, General Interest.

Scope: ISO 10218-1 and ISO 10218-2, of which ANSI/RIA R15.06-2012 is a national adoption, are under revision. The revised documents are approaching the FDIS ballot stage. The intent of the project addressed by this PINS is to adopt updated standards, ISO 10218-1 and ISO 10218-2, with no technical changes. ISO 10218-1 is "Part 1" within the ANS. ISO 10218-2 is "Part 2" within the ANS. This project will also include preparation of a new "Part 3" which would consolidate information related to user responsibilities, which are currently addressed in multiple RIA TRs.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK84310-201x, New Specification for Front-Mounted Bicycle Child Carriers - Engaged (new standard)
Stakeholders: Bicycle Industry.

Project Need: Currently there are industry standards for rear-mounted carriers. However, none exist for front-mounted carriers. This standard is going to fill the gap.

Interest Categories: Interest Categories: Producer, User, General Interest.

Scope: This specification covers child carriers that position the child ahead of the rider and behind the handlebar of a bicycle. These carriers transport children with a minimum weight of 12 kg (26.5lb) and a maximum weight of 27kg (60 lb).

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK84312-201x, New Specification for Front Mount Bicycle Child Carriers - Restrained (new standard)
Stakeholders: Bicycle Industry.

Project Need: No standards currently exist for front-mounted child carriers.

Interest Categories: Interest Categories: Producer, User, General Interest.

Scope: This specification covers child carriers that position the child ahead of the rider and behind the handlebar of a bicycle. These carriers transport children with a minimum weight of 9kg (19lbs) and a maximum weight of 15kg (33 lbs) who are capable of sitting unaided.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK84530-201x, New Guide for Risk Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (new standard)
Stakeholders: Coordinating Subcommittee on Quality Assurance and Statistics Industry.

Project Need: In revising the D6792 Practice for Quality Management Systems, it was identified that having a separate guide for risk management would create additional resources for the D02 users in understanding how to develop, manage, and use risk processes to supplement quality management systems. Including such information in D6792 would make the document too lengthy.

Interest Categories: Interest Categories: Producer, User, General Interest.

Scope: This guide covers the establishment and maintenance of a risk management systems as applied to laboratories performing analysis of petroleum products, liquid fuels, and lubricants. It is designed to be used in conjunction with Practice D6792 and is based on the risk management concepts advocated in ISO 31000.

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-36H-202x, Thermal Shock (Temperature Cycling) Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-32G-2014 (R2019))
Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest.

Scope: This test is conducted for the purpose of determining the resistance of a given electrical connector or socket to exposure at extremes of high and low temperatures and to the shock of alternate exposures to these extremes, simulating the worst probable conditions of storage, transportation and application.

IKECA (International Kitchen Exhaust Cleaning Association)

Nikki Augsburger; nikki@ikeca.org | 2331 Rock Spring Road | Forest Hill, MD 21050 www.ikeca.org

Revision

BSR/IKECA I10-202x, Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA I10-2020)
Stakeholders: Contract Cleaning Industry; Code Enforcement Authorities; Fire Prevention Authorities; Insurance Industry; Food Service Industry; property owners; system designers, engineers, maintainers and installers, and manufacturers.

Project Need: The purpose of this standard shall be to reduce the potential fire safety hazards associated with commercial kitchen exhaust systems through inspection services. This inspection standard is the second of three standards to address areas and methodologies of cleaning, inspection, and user maintenance of commercial kitchen exhaust systems that are unaddressed in NFPA 96.

Interest Categories: Cleaning Contractor; HVAC Contractor; Fire Suppression Contractor; Food Service/End User; Fire Analysis Expert; Designer; Manufacturer; Fire Prevention Authority; Insurance.

Scope: This standard shall provide minimum requirements for inspecting commercial kitchen exhaust systems and system components for mechanical conditions, structural integrity, fire safety, and cleanliness levels.

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 13E-202x, Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems (revision of ANSI/NFPA 13E-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: 1.1 Scope. This recommended practice provides basic procedures and information for use in fire department operations concerning properties equipped with certain fixed fire protection systems. The fixed systems covered in this recommended practice are interior automatic sprinkler systems, exterior sprinkler systems, and standpipe systems.

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 901-202x, Standard Classifications for Fire and Emergency Services Incident Reporting (revision of ANSI/NFPA 901-2021)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: 1.1 Scope. This document describes and defines data elements and classifications used by many fire departments in the United States and other countries to describe fire damage potential and experience during incidents. It does not provide guidelines for a reporting system or related forms.

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 950-202x, Standard for Data Development and Exchange for the Fire Service (revision of ANSI/NFPA 950-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: 1.1 Scope. 1.1.1* This standard is designed to standardize data for operable information sharing in support of the all-hazards response. 1.1.2 To describe a digital information structure and associated requirements and workflows common to fire and emergency services delivery and management for emergency response and administrative use.

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 951-202x, Guide to Building and Utilizing Digital Information (revision of ANSI/NFPA 951-2022)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: 1.1 Scope. 1.1.1 The intent of this document is to provide guidance in the development of an "integrated information management system" which facilitates information sharing. The resulting system shall be designed to support a communications pathway for all relevant components of the national preparedness and response framework. 1.1.2 * This document provides information for the development of consistent methods, processes, and tools to capture, utilize, and share data within scalable information systems. This framework supports and sets the stage for effective data exchange at all operational levels and components. 1.1.2.1 As an example, time and location are identified as critical components. Specific format for time and location are established in the standard. The guide provides explanation to the AHJ as to why you need this specific format for time and location and how to use it within your operational environment. 1.1.3 The intent of this guide is to provide a framework and environment consistent with NFPA Standard 950 which results in an integrated information management system for Computer Aided Dispatch (CAD), Record Management Systems (RMS), and other associated data systems in common use by fire departments.

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 1250-202x, Recommended Practice in Fire and Emergency Service Organization Risk Management (revision of ANSI/NFPA 1250-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: 1.1 Scope. This recommended practice establishes minimum criteria to develop, implement, or evaluate a fire and emergency service organization (FESO) risk management program for effective risk identification, control, and financing.

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 1401-202x, Recommended Practice for Fire Service Training Reports and Records (revision of ANSI/NFPA 1401-2017)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: 1.1 Scope. 1.1.1 It is the intent of this document that fire service organizations be considered an all-inclusive term used to describe those local, municipal, state, federal, military, industrial, and private organizations with fire protection responsibilities and institutions that provide training for such organizations. 1.1.2 Fire service organizations utilizing this document for the establishment, upgrade, or evaluation of their training records and report systems should be able to document clearly the performance and ability of individual and group activities related to the following: (1) Compliance with personnel performance standards (2) Documentation of both internally and externally obtained career development training and education (3) Documentation for the purposes of certification and recertification (4) Documentation for the purposes of accreditation through such agencies as the Commission on Fire Accreditation International (CFAI) and other such organizations (5) Cooperation with other agencies with which the organization executes joint specialty operations (e.g., emergency medical services) (6) Training required by regulatory and/or other agencies [e.g., Occupational Safety and Health Administration (OSHA), International Standards Organization (ISO) and Insurance Services Office] (7) Training required to provide emergency medical care (e.g., first responder, emergency medical technician, first aid, cardiopulmonary resuscitation, automatic external defibrillations) (8)....

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 1405-202x, Guide for Land-Based Fire Departments that Respond to Marine Vessel Fires (revision of ANSI/NFPA 1405-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: 1.1 Scope. 1.1.1 This guide identifies the elements of a comprehensive marine fire-fighting response program including, but not limited to, vessel familiarization, training considerations, pre-fire planning, and special hazards that enable land-based fire fighters to extinguish vessel fires safely and efficiently. In general, the practices recommended in this publication apply to vessels that call at United States ports or that are signatory to the Safety of Life at Sea (SOLAS) agreement. 1.1.2 This document does not consider offshore terminals or vessels on the high sea.

NFPA (National Fire Protection Association)

Dawn Michele Bellis; dbellis@nfpa.org | One Batterymarch Park | Quincy, MA 02169 www.nfpa.org

Revision

BSR/NFPA 1700-202x, Guide for Structural Fire Fighting (revision of ANSI/NFPA 1700-2021)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications.

Scope: This guide addresses structural fire-fighting strategy, tactics, and tasks as supported by science-based research.

VITA (VMEbus International Trade Association (VITA))

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

New Standard

BSR/VITA 48.9-202x, VPX AFT Cooling - Retractable Seals (new standard)
Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: A retractable seal version is better suited for some air flow thru applications.

Interest Categories: User, producer, general interest.

Scope: This standard defines a new air flow thru module format, in both 3U and 6U sizes, with module to chassis air seals that are retractable during module insertion and removal. This new air flow thru design will allow transition of existing conduction cooled VITA 48.2 circuit card assemblies to the new air flow thru module format with minimal effort.

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 29, 2023

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

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

Addenda

BSR/ASHRAE Addendum a to BSR/ASHRAE Standard 15-202x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
This proposed addendum revises related portions of ANSI/ASHRAE Standard 15 for overpressure protection to appropriately reference to the changes in overpressure protection in the ASME Boiler and Pressure Vessel Code.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

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

Addenda

BSR/ASHRAE Addendum t to BSR/ASHRAE Standard 15-202x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022)
The first publication public review (1st PPR) draft of this proposed addendum was written to revise the text of ANSI/ASHRAE Standard 15-2019, which has now been superseded as the current draft of the standard by ANSI/ASHRAE Standard 15-2022. This second publication public review (2nd PPR) draft proposed revisions to the published text of Standard 15-2022, and shows proposed changes to the current standard, rather than proposed changes to the previous 1st PPR draft. Additional modifications to the proposed text have been drafted in response to comments which were received during the 1st PPR period of the proposed addendum.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: January 29, 2023

NSF (NSF International)

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

Revision

BSR/NSF 170-202x (i34r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2022)
Definitions covered by this standard consist of terminology related to food equipment, including terms describing equipment, materials, design, construction, and performance testing.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose; arose@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 (i106r1), Dietary Supplements (revision of ANSI/NSF 173-2021)
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

NSF (NSF International)

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

Revision

BSR/NSF 305-202x (i31r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305 -2022)
This Standard specifies materials, processes, production criteria, and conditions that shall be met in order for personal care products to make organic label and marketing claims under this Standard. This Standard intends to address products with a minimum organic content of 70% (O70).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 94-202x, Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2022)
This proposal covers: 1. Removal of Corner Radius Requirement for the Plate Specimen from Paragraph 9.3.2
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/Home/ProposalsDefault.aspx.

Comment Deadline: February 13, 2023

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

New Standard

BSR/ASB Std 147-202x, Standard for Analyzing Skeletal Trauma in Forensic Anthropology (new standard)
This standard provides requirements for documenting, describing, interpreting, and reporting skeletal trauma in forensic anthropology. It also provides requirements for the determination of trauma timing (i.e., antemortem, perimortem, or postmortem) and the identification of the mechanism that produced the trauma (i.e., projectile, sharp, blunt, or thermal trauma). This document does not address cause and manner of death.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

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

New Standard

BSR/ASB Std 148-202x, Standard for Personal Identification in Forensic Anthropology (new standard)
This standard provides approaches for establishing a personal identification in forensic anthropology using both scientific identification methods and contributory anthropological findings. This standard does not address identification of living individuals.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: February 13, 2023

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 167-202x, Standard for Reporting Results from Friction Ridge Examinations (new standard)
This document prescribes the minimum administrative and technical information that are required to be included in friction ridge examination reports. This document does not include the requirements for supporting documentation of reported elements (e.g., case notes, custody documents), or testimony.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | cmaguwah@aami.org, www.aami.org

Reaffirmation

BSR/AAMI EQ89-2015 (R202x), Guidance for the use of medical equipment maintenance strategies and procedures (reaffirmation of ANSI/AAMI EQ89-2015)
This standard is intended to provide basic information to health care technology management professionals by identifying and describing in general various maintenance strategies and methods for efficient, effective, and timely maintenance of medical equipment in health care facilities. The standard neither mandates nor requires that any of these specific strategies be used, but instead discusses in general the uses of these methods and their potential advantages and disadvantages.
Single copy price: $139.00 (Single Copy Price); $78.00 (AAMI Member Price)
Obtain an electronic copy from: standards@aami.org
Send comments (copy psa@ansi.org) to: Hae Choe; standards@aami.org

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

New Standard

BSR/AHRI Standard 410-202x (SI/I-P), Performance Rating of Forced-Circulation Air-Cooling and Air-Heating Coils (new standard)
This standard applies to Forced-circulation Air-cooling and Air-heating Coils, for application under non-frosting conditions
Single copy price: Free
Obtain an electronic copy from: https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

Comment Deadline: February 13, 2023

ASA (ASC S12) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S12.11 PT 2-2013, ISO 10302-2:2011 (R202x), Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 1: Airborne noise measurement (a nationally adopted international standard) (reaffirmation of ANSI/ASA S12.11 PT 2-2013, ISO 10302-2:2011 (R2018))
This standard specifies procedures for measuring and reporting the noise emission of information technology and telecommunications equipment. This Standard is considered part of a noise test code for this type of equipment and is based on basic noise emission standards ANSI/ASA S12.51 / ISO 3741, ANSI/ASA S12.54 / ISO 3744, ANSI/ASA S12.55 / ISO 3745 and ISO 11201. The basic emission quantity is the A-weighted sound power level which may be used for comparing equipment of the same type but from different manufacturers, or for comparing different equipment. Three basic noise emission standards for determining the sound power levels are specified in this standard in order to avoid undue restriction on existing facilities and experience. The first basic standard (ANSI/ASA S12.51 / ISO 3741) specifies comparison measurements in a reverberation test room; the other two (ANSI/ASA S12.54 / ISO 3744 and ANSI/ASA S12.55 / ISO 3745) specify measurements in an essentially free field.
Single copy price: $157.00
Obtain an electronic copy from: standards@acousticalsociety.org
Order from: Nancy Blair-DeLeon; standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Nancy Blair-DeLeon; standards@acousticalsociety.org

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.104-1-2004 (R202x), Financial transaction card originated messages - Card acceptor to acquiring host messages - Part 1: Messages, data elements and code values (reaffirmation of ANSI X9.104-1-2004 (R2017))
This part of X9.104 defines a common interface for the exchange of information between point of sale systems or terminal devices located in a retail establishment and the acquiring host transaction processing system(s). This part of X9.104 is applicable to all aspects of payment processing required by these retail facilities, including the reporting of specific products that are part of a purchase. The standard defines a sufficient number of message types and data elements to facilitate the exchange of all necessary information related to: (1) payment transactions originated by point of sale systems or terminal devices, and (2) automated control of the systems and devices.
Single copy price: $100.00
Obtain an electronic copy from: ambria.frazier@x9.org
Send comments (copy psa@ansi.org) to: ambria.frazier@x9.org

Comment Deadline: February 13, 2023

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Reaffirmation

BSR X9.104, Part 2-2004 (R202x), Financial transaction card originated messages - Card acceptor to acquiring host messages - Part 2: Convenience store and petroleum marketing industry (reaffirmation of ANSI X9.104, Part 2-2004 (R2016))
This part of X9.104 provides example of messages used in the convenience store and petroleum marketing industry based on the message formats defined in X9.104 part 1. This part of X9.104 also defines data elements and code values for use in this environment.
Single copy price: $100.00
Obtain an electronic copy from: ambria.frazier@x9.org
Send comments (copy psa@ansi.org) to: ambria.frazier@x9.org

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

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

Revision

BSR/ASHRAE Standard 181-202x, Method of Testing for Rating Liquid-to-Liquid Heat Exchangers (revision of ANSI/ASHRAE Standard 181-2018)
This standard prescribes methods of testing the thermal performance and pressure drop of liquid-to-liquid heat exchangers.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME BPVC Section VII-202x, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2021)
The purpose of Section VII, Recommended Guidelines for the Care of Power Boilers, is to promote safety in the use of power boilers. These guidelines are intended for use by those directly responsible for operating, maintaining, and examining power boilers. With respect to the application of these guidelines, a power boiler is a pressure vessel constructed in compliance with Section I in which, due to the application of heat, steam is generated at a pressure exceeding 15 psig (100 kPa) for use external to the boiler. The heat may be derived from the combustion of fuel (solids, liquids, or gases), from the hot waste gases of other chemical reactions, or from the application of electrical energy.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Umberto D'Urso; dursou@asme.org

Comment Deadline: February 13, 2023

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME BPVC Section X-202x, Fiber-Reinforced Plastic Pressure Vessels (revision of ANSI/ASME BPVC Section X-2021)
Section X of the ASME Boiler and Pressure Vessel Code provides requirements for the fabrication of fiber-reinforced thermosetting plastic pressure vessels for general service, sets limitations on the permissible service conditions, and defines the types of vessels to which these rules are not applicable.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Paul Stumpf; stumpfp@asme.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 Z359.2-202x, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision and redesignation of ANSI/Z359.2-2017)
This standard establishes criteria and requirements for an employerâ€™s fall protection program including policies, responsibilities, training, survey and identification of fall hazards, procedures, controlling fall hazards, rescue planning, program implementation, incident investigation and evaluating program effectiveness.
Single copy price: $150.00
Obtain an electronic copy from: LBauerschmidt@assp.org
Order from: Lauren Bauerschmidt; LBauerschmidt@assp.org
Send comments (copy psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | dgreco@atis.org, www.atis.org

Revision

BSR/ATIS 0600015.04-202x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (revision of ANSI/ATIS 0600015.04-2017)
This document defines how to measure the Telecommunication Energy Efficiency Ratio (TEER) of Direct Current (DC) Power Plant Rectifiers. The standard also provides requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.
Single copy price: Free
Obtain an electronic copy from: dgreco@atis.org
Send comments (copy psa@ansi.org) to: Drew Greco; dgreco@atis.org

Comment Deadline: February 13, 2023

AWS (American Welding Society)

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

Reaffirmation

BSR/AWS F1.2-2013 (R202x), Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes (reaffirmation of ANSI/AWS F1.2-2013)
This document outlines a laboratory method for the determination of fume generation rates and total fume emission. A test chamber is used to collect representative fume samples under carefully controlled conditions.
Single copy price: $33.00
Obtain an electronic copy from: steveh@aws.org
Order from: Stephen Hedrick; steveh@aws.org
Send comments (copy psa@ansi.org) to: Stephen Hedrick; steveh@aws.org

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

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

Revision

BSR/ASSE 1011-202x, Performance Requirements for Hose Connection Vacuum Breakers (revision of ANSI/ASSE 1011-2017)
This standard applies only to those devices which are designed to be installed on the discharge side of the hose bibb, hydrant, or faucet which is fitted with hose threads. The design embraces a check valve member force loaded, or biased, to a closed position, and an atmospheric vent valve, force loaded, or biased, to an open position when the device is not under pressure. This device shall not be subjected to more than twelve (12) hours of continuous water pressure. This device shall only be used on systems where the only source of low head back pressure comes from an elevated hose equal to or less than 10.0 feet (3.0 meters) in height.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Order from: George Istefan; standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: George Istefan; standards@iapmostandards.org

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

4043 South Eastern Avenue, Las Vegas, NV 89119 | mwashington@iicrcnet.org, https://www.iicrc.org

New Standard

BSR/IICRC S760-202x, Standard for Professional Wildfire Investigations and Restoration of Impacts to Structures, Systems, and Contents (new standard)
This standard describes practical principles, methods, and processes to evaluate and restore the interior and exterior of structures and improvements, contents, and personal property impacted by wildfire smoke emissions. In addition, this standard will also describe the basic principles governing wildfire particle distribution and eventual settlement on surfaces to aid the restorer in identifying the scope of a project and preparation of a work plan. This standard will also establish methods and processes to document, evaluate, restore, and verify the cleanliness of structures and contents damaged from wildfire smoke.
Single copy price: Free
Obtain an electronic copy from: https://iicrc.org/s760/
Send comments (copy psa@ansi.org) to: standards@iicrcnet.org

Comment Deadline: February 13, 2023

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

Reaffirmation

BSR/NFRC 202-2020 (E0A2) (R202x), Procedure for Determining Translucent Fenestration Product Visible Transmittance at Normal Incidence (reaffirmation of ANSI/NFRC 202-2020 (E0A2))
To specify a test method for translucent panels to determine the visible transmittance (VTcog) at normal (perpendicular) incidence in accordance with ASTM E 972 and ASTM E 1084 (except where noted).
Single copy price: Free
Obtain an electronic copy from: https://nfrccommunity.org/members/group.aspx?code=ANS
Send comments (copy psa@ansi.org) to: standards@nfrc.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

Reaffirmation

BSR/NFRC 203-2020 (EA01) (R202x)), Procedure for Determining Visible Transmittance of Tubular Daylighting Devices (reaffirmation of ANSI/NFRC 203-2020 (EA01))
To specify a method for measuring the visible transmittance (VT) of Tubular Daylighting (TDD) at an NFRC pre-determined set of representative annual solar incidence angles in accordance with ASTM E1175 (except where noted), and determining the annual visible transmittance rating (VTannual) according to a prescribed weighted-average method.
Single copy price: Free
Obtain an electronic copy from: https://nfrccommunity.org/members/group.aspx?code=ANS
Send comments (copy psa@ansi.org) to: standards@nfrc.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

Reaffirmation

BSR/NFRC 500-2020 (EA01) (R202x), Procedure for Determining Fenestration Product Condensation Index Ratings (reaffirmation of ANSI/NFRC 500-2020 (EA01))
This procedure provides a Condensation Index rating for windows, fully glazed doors, curtain wall systems, site-built products, sloped glazing systems, skylights, Dynamic Glazing Products and other fenestration products.
Single copy price: Free
Obtain an electronic copy from: https://nfrccommunity.org/members/group.aspx?code=ANS
Send comments (copy psa@ansi.org) to: standards@nfrc.org

Comment Deadline: February 13, 2023

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

Reaffirmation

BSR/NFRC 200-2020 E0A2 (R202x) , Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (reaffirmation of ANSI/NFRC 200-2020 (E0A2))
To specify a method for calculating solar heat gain coefficient (SHGC) and visible transmittance (VT) at normal (perpendicular) incidence for fenestration products containing glazings or glazing with applied films, with specular optical properties calculated in accordance with ISO 15099 (except where noted) or tested in accordance with NFRC 201, NFRC 202, and NFRC 203.
Single copy price: Free
Obtain an electronic copy from: https://nfrccommunity.org/members/group.aspx?code=ANS
Send comments (copy psa@ansi.org) to: standards@nfrc.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

Revision

BSR/NFRC 100-202x (E0A2), Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2020 (E0A2))
This standard specifies a method for determining fenestration product U-factor (thermal transmittance).
Single copy price: Free
Obtain an electronic copy from: https://nfrccommunity.org/members/group.aspx?code=ANS
Send comments (copy psa@ansi.org) to: standards@nfrc.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

Revision

BSR/NFRC 400-202x E0A0, Procedure for Determining Fenestration Product Air Leakage (revision and redesignation of ANSI/NFRC 400-2020 (EA01))
To specify a procedure for determining fenestration product air leakage.
Single copy price: Free
Obtain an electronic copy from: https://nfrccommunity.org/members/group.aspx?code=ANS
Send comments (copy psa@ansi.org) to: standards@nfrc.org

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 | nlagace@niso.org, www.niso.org

New Standard

BSR/NISO Z39.103-202x, Standards-Specific Ontology (SSOS) (new standard)
To develop and standardize a high-level standards ontology that describes a limited set of core concepts and relationships, beginning with a component to define standards' lifecycle states. This work will facilitate use, create deeper, more consistent discovery/navigation, and set a foundation for other semantic application, such as linked data, in the standards ecosystem.
Single copy price: Free
Obtain an electronic copy from: http://www.niso.org/contact/
Order from: http://www.niso.org/contact/
Send comments (copy psa@ansi.org) to: nisohq@niso.org

Comment Deadline: February 13, 2023

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

Revision

BSR/SCTE 91-202x, Specification for 5/8-24 RF & AC Equipment Port, Female (revision of ANSI/SCTE 91-2015)
The purpose of this document is to specify the mechanical and environmental requirements of female 5/8 – 24 equipment ports for RF and AC powering that are used in the 75-ohm RF broadband communications industry. This document is compatible with the mechanical requirements as defined by [SCTE 92].
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

TCIA (ASC A300) (Tree Care Industry Association)

136 Harvey Road, Suite 101, Londonderry, NH 03053 | rrouse@tcia.org, www.treecareindustry.org

Revision

BSR A300-202x, A300 Tree Care Standards (revision, redesignation and consolidation of ANSI A300 Part 1-2017, ANSI A300 Part 2-2018, ANSI A300 Part 3-2013, ANSI A300 Part 4-2014, ANSI A300 Part 5-2019, ANSI A300 Part 6-2012 (R2018), ANSI A300 Part 7-2018, ANSI A300 Part 8-2019, ANSI A300 Part 9-2017, ANSI A300 Part 10-2016)
A300 performance standards cover the care and management of trees, shrubs, palms, and other woody landscape plants, including the following activities: Pruning; Soil Management and Fertilization; Supplemental Support System installation and maintenance; Lightning Protection System installation and maintenance, Management during construction activities; Planting; Transplanting; Integrated Vegetation Management; Root Management; Risk Assessment; and, Integrated Pest Management. A300 standards are intended for the development of work practices, written specifications, best management practices, regulations, and other guidance documents. These standards may be excerpted or incorporated by reference; however, they are not intended to be adopted in their entirety into laws and regulations or as work specifications without additional information and clarification, such as A300 specification writing guidelines. A300 standards shall apply to any person or entity engaged in the management of trees, shrubs, palms, or other woody plants, including federal, state or local agencies, utilities, arborists, consultants, arboricultural or landscape firms, and managers or owners of property. ANSI A300 standards do not apply to commercial agricultural, horticultural production, or silviculture unless this standard, or a portion thereof, is expressly referenced in other standards or specifications. This project will revise, redesignate, and consolidate the current ANSI A300 Part 1 to Part 10 standards for tree care management into one A300 standard for tree care.
Single copy price: $2.00
Obtain an electronic copy from: rrouse@tcia.org
Order from: Tree Care Industry Association, Inc.; 670 N. commercial Street, Suite 201; Manchester, NH, 03101; 800-733-2622.
Send comments (copy psa@ansi.org) to: https://www.tcia.org/TCIA/Build_Your_Business/A300_Standards/Current_Projects.aspx

Comment Deadline: February 13, 2023

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 10-A-202x, Interference Criteria for Microwave Systems (revision and redesignation of ANSI/TIA 10 -2019)
This project for a revised standard provides recommendations related to Interference Criteria for Microwave Systems. The subsequent use of the 2019 published standard has motivated users to request minor modifications to the standard. This revision will provide that support in areas such as Interference Estimation, Receiver Interference, Coordination with Satellite Earth Stations, Rain & Multipath Fading, Adaptive Coding / Modulation and Automatic Transmit Power Control.
Single copy price: $281.00
Obtain an electronic copy from: standards-process@tiaonline.org
Order from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Teesha Jenkins; standards-process@tiaonline.org

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 852-2018 (R202x), Standard for Metallic Sprinkler Pipe for Fire Protection Service (reaffirmation of ANSI/UL 852-2018)
1. Reaffirmation and continuance of the Second Edition of the Standard for Metallic Sprinkler Pipe for Fire Protection Service, UL 852, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Griff Edwards; griff.edwards@ul.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 6420-202x, Standard for Equipment Used for System Isolation and Rated as a Single Unit (revision of ANSI/UL 6420-2012)
Addition of requirements for Pneumatic Isolation, Annex C
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: February 28, 2023

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 A112.19.17-2010 (R202x), Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub and Wading Pool Suction Systems (reaffirmation of ANSI/ASME A112.19.17-2010 (R2018))
"This Standard establishes general requirements, dimensions and tolerances, materials, installation instructions, testing requirements, and markings and identification for SVRS devices. SVRS devices are intended to be utilized on pool, spa, hot tub, and/or therapy unit suction systems. SVRS devices covered under this Standard are designed to relieve high vacuum occurrences that cause human body or body part suction entrapment."
Single copy price: $49.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Angel L. Guzman Rodriguez; guzman@asme.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1478-202x, Standard for Fire Pump Relief Valves (revision of ANSI/UL 1478-2004 (R2018))
This proposal covers: 1. Editorial new edition
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2900-1-202x, Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements (revision of ANSI/UL 2900-1-2020)
This proposal for UL 2900-1 covers: 1. Editorial Changes 2. Addition of Inclusive Language 3. Clarification of Product Documentation 4. Updated Versions of Reference Material 5. Addition of Paragraph Numbering 6. Clarification of Definitions and Term Usage 7. Clarification of Sensitive Data Documentation 8. Removal of Redundant Statement 9. Self-Reference Correction 10. Clarification of Structured Penetration Testing Requirements Documentation 11. Clarification of Software Composition, Static Source Code Analysis and Static Binary and Bytecode Analysis Requirements Documentation
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

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.

AARST (American Association of Radon Scientists and Technologists)

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

Revision

ANSI/AARST MAH-2022, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2019) Final Action Date: 12/20/2022

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

ANSI/ASME PTC 47.1-2017 (R2022), Performance Test Code for the Cryogenic Air Separation Unit of an IGCC Power Plant (reaffirmation of ANSI/ASME PTC 47.1-2017) Final Action Date: 12/19/2022

Revision

ANSI/ASME A17.1/CSA B44-2022, Safety Code for Elevator and Escalators (revision of ANSI/ASME A17.1/CSA B44-2019) Final Action Date: 12/19/2022

ASTM (ASTM International)

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

Reaffirmation

ANSI/ASTM F3137-2015 (R2022), Specification for Headgear Used in Womens Lacrosse (excluding Goalkeepers) (reaffirmation of ANSI/ASTM F3137-2015) Final Action Date: 12/20/2022

Revision

ANSI/ASTM D6792-2022, Practice for Quality Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2022) Final Action Date: 12/20/2022

Revision

ANSI/ASTM D8146-2022, Guide for Evaluating Test Method Capability and Fitness for Use (revision of ANSI/ASTM D8146-2018) Final Action Date: 12/20/2022

Revision

ANSI/ASTM E23-2022, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2018) Final Action Date: 12/15/2022

Revision

ANSI/ASTM F1292-2022, Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment (revision of ANSI/ASTM F1292-2018) Final Action Date: 12/20/2022

Revision

ANSI/ASTM F2128-2022, Test Method for Treestand Repetitive Loading Capability (revision of ANSI/ASTM F2128 -2013 (R2021)) Final Action Date: 12/20/2022

ASTM (ASTM International)

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

Revision

ANSI/ASTM F2337-2022, Test Method for Treestand Fall Arrest System (revision of ANSI/ASTM F2337-2021) Final Action Date: 12/20/2022

Withdrawal

ANSI/ASTM E1352-2016, Test Method for Cigarette Ignition Resistance of Mock-Up Upholstered Furniture Assemblies (withdrawal of ANSI/ASTM E1352-2016) Final Action Date: 12/15/2022

Withdrawal

ANSI/ASTM E1353-2021, Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture (withdrawal of ANSI/ASTM E1353-2021) Final Action Date: 12/15/2022

Withdrawal

ANSI/ASTM F2125-2009 (R2021), Test Method for Treestand Static Stability and Adherence (withdrawal of ANSI/ASTM F2125-2009 (R2021)) Final Action Date: 12/20/2022

Withdrawal

ANSI/ASTM F2126-2006 (R2018), Test Method for Treestand Static Load Capacity (withdrawal of ANSI/ASTM F2126-2006 (R2018)) Final Action Date: 12/20/2022

Withdrawal

ANSI/ASTM F2531-2013 (R2021), Test Method for Load Capacity of Treestand Seats (withdrawal of ANSI/ASTM F2531-2013 (R2021)) Final Action Date: 12/20/2022

AWWA (American Water Works Association)

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

Revision

ANSI/AWWA C217-2022, Microcrystalline Wax and Petrolatum Tape Coating System for Steel Water Pipe and Fittings (revision, redesignation and consolidation of ANSI/AWWA C217-2016, ANSI/AWWA C217a-2017) Final Action Date: 12/23/2022

CSA (CSA America Standards Inc.)

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

Revision

ANSI/CSA NGV 5.1-2022, Residential fueling appliances (revision of ANSI/CSA NGV 5.1-2016 (R2020)) Final Action Date: 12/20/2022

Revision

ANSI/CSA NGV 5.2-2022, Vehicle fueling appliances (VFA) (revision of ANSI/CSA NGV 5.2-2017 (R2021)) Final Action Date: 12/20/2022

ESTA (Entertainment Services and Technology Association)

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

New Standard

ANSI ES1.18-2022, Event Safety - Rigging (new standard) Final Action Date: 12/20/2022

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

New Standard

ANSI/NFPA 2800-2023, Standard on Facility Emergency Action Plans (new standard) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 2-2023, Hydrogen Technologies Code (revision of ANSI/NFPA 2-2019) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 56-2023, Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems (revision of ANSI/NFPA 56-2020) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 59A-2023, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2019) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 68-2023, Standard on Explosion Protection by Deflagration Venting (revision of ANSI/NFPA 68-2018) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 85-2023, Boiler and Combustion Systems Hazards Code (revision of ANSI/NFPA 85-2019) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 120-2023, Standard for Fire Prevention and Control in Coal Mines (revision of ANSI/NFPA 120-2020) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 122-2023, Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities (revision of ANSI/NFPA 122-2020) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 259-2023, Standard Test Method for Potential Heat of Building Materials (revision of ANSI/NFPA 259 -2018) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 261-2023, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes (revision of ANSI/NFPA 261-2018) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 262-2023, Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces (revision of ANSI/NFPA 262-2019) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 265-2023, Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls (revision of ANSI/NFPA 265-2019) Final Action Date: 12/19/2022

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | dbellis@nfpa.org, www.nfpa.org

Revision

ANSI/NFPA 270-2023, Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber (revision of ANSI/NFPA 270-2018) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 274-2023, Standard Test Method to Evaluate Fire Performance Characteristics of Pipe Insulation (revision of ANSI/NFPA 274-2018) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 289-2023, Standard Method of Fire Test for Individual Fuel Packages (revision of ANSI/NFPA 289 -2019) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 495-2023, Explosive Materials Code (revision of ANSI/NFPA 495-2018) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 701-2023, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (revision of ANSI/NFPA 701-2019) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 705-2023, Recommended Practice for a Field Flame Test for Textiles and Films (revision of ANSI/NFPA 705-2018) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 730-2023, Guide for Premises Security (revision of ANSI/NFPA 730-2020) Final Action Date: 12/19/2022

Revision

ANSI/NFPA 914-2023, Code for the Protection of Historic Structures (revision of ANSI/NFPA 914-2019) Final Action Date: 12/19/2022

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfrc.org, www.nfrc.org

Revision

ANSI/NFRC 100-2020 (E0A2), Procedure for Determining Fenestration Product U-factors (revision and redesignation of ANSI/NFRC 100-2020 (E0A1)) Final Action Date: 12/19/2022

Revision

ANSI/NFRC 200-2020 (E0A2), Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2020 (E0A1)) Final Action Date: 12/19/2022

Revision

ANSI/NFRC 202-2020 (E0A2), Procedure for Determining Translucent Fenestration Product Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 202-2020 (E0A1)) Final Action Date: 12/19/2022

NICA (National Infusion Center Association)

3307 Northland Drive, Suite 160, Austin, TX 78731 | kaitey.morgan@infusioncenter.org, https:

New Standard

ANSI/NICA V2-2022, Standards of Excellence for Ambulatory Infusion Centers (new standard) Final Action Date: 12/19/2022

NSF (NSF International)

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

Revision

ANSI/NSF 25-2022 (i14r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2021) Final Action Date: 12/18/2022

Revision

ANSI/NSF 173-2022 (i99r1), Dietary Supplements (revision of ANSI/NSF 173-2021) Final Action Date: 12/16/2022

Revision

ANSI/NSF 385-2022 (i13r1), Disinfection Mechanics (revision of ANSI/NSF 385-2021) Final Action Date: 12/14/2022

OPEI (Outdoor Power Equipment Institute)

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

Revision

ANSI/OPEI B71.9-2022, (Standard) for Multipurpose Off-Highway Utility Vehicles (revision of ANSI/OPEI B71.9 -2016) Final Action Date: 12/20/2022

TPI (Truss Plate Institute)

2670 Crain Highway, Suite 203, Waldorf, MD 20601 | jpjones@tpinst.org, www.tpinst.org

Revision

ANSI/TPI 1-2022, National Design Standard for Metal Plate Connected Wood Truss Construction (revision of ANSI/TPI 1-2014) Final Action Date: 12/23/2022

VITA (VMEbus International Trade Association (VITA))

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

New Standard

ANSI/VITA 66.5-2022, Optical Interconnect on VPX - Hybrid Variants (new standard) Final Action Date: 12/20/2022

Revision

ANSI/VITA 48.8-2022, Mechanical Standard for Electronic VPX Plug-in Modules Using Air Flow Through Cooling (revision of ANSI/VITA 48.8-2017) Final Action Date: 12/16/2022

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

NCPDP - National Council for Prescription Drug Programs

Monday, January 9, 2023 through Friday, February 10, 2023

Enrollment in the **National Council for Prescription Drug Programs (NCPDP) 2023 Consensus Group** opens **Monday, January 9, 2023 and closes at 8:00 p.m. EST on Friday, February 10, 2023**. Information concerning the Consensus Group registration process is available by contacting: Margaret Weiker, National Council for Prescription Drug Programs (NCPDP) | 9240 East Raintree Drive, Scottsdale, AZ 85260 | (480) 477-1000, mweiker@ncpdp.org

STANDARDS:

Audit Transaction Standard – supports an electronic audit transaction that facilitates requests, responses, and final outcomes transmissions for both "Desk Top" claim audits and for in-store audit notices.

Batch Standard Subrogation - provides a uniform approach to efficiently process post-payment subrogation claims and eliminate the numerous custom formats used in the industry today.

Benefit Integration Standard - supports the communication of accumulator data (such as deductible and out of pocket) between Benefit Partners to administer integrated benefits for a member.

Billing Unit Standard - provides a consistent and well-defined billing unit for use in pharmacy transactions. This results in time savings and accuracy in billing and reimbursement.

Financial Information Reporting Standard – provides a process whereby financial information is moved from one PBM to another when a patient changes benefit plans.

Formulary and Benefit Standard – provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.

Manufacturer Rebate Standard – provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs).

Medicaid Pharmacy Encounters Reporting – provides standardization of data content and file layout for reporting of Medicaid Managed Care Organization pharmacy claims to a state agency.

Medicaid Subrogation Standard – provides guidelines for the process whereby a Medicaid agency can communicate to a processor for reimbursement. The state has reimbursed the pharmacy provider for covered services and now is pursuing reimbursement from other payers for these services.

Medical Rebates Data Submission Standard – provides a standardized format for health plans' rebate submissions to multiple manufacturers throughout the industry. Implementation of the medical also eliminates the need for manufacturers to create internal mapping processes to standardize unique data formats from each health plan or third party administrator

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | cmaguwah@aami.org, www.aami.org

BSR/AAMI EQ89-2015 (R202x), Guidance for the use of medical equipment maintenance strategies and procedures (reaffirmation of ANSI/AAMI EQ89-2015)

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | kbest@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 410-202x (SI/I-P), Performance Rating of Forced-Circulation Air-Cooling and Air-Heating Coils (new standard)

ASA (ASC S12) (Acoustical Society of America)

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

BSR/ASA S12.11 PT 2-2013, ISO 10302-2:2011 (R202x), Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 1: Airborne noise measurement (a nationally adopted international standard) (reaffirmation of ANSI/ASA S12.11 PT 2-2013, ISO 10302-2:2011 (R2018))

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 | dgreco@atis.org, www.atis.org

BSR/ATIS 0600015.04-202x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (revision of ANSI/ATIS 0600015.04-2017)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-36H-202x, Thermal Shock (Temperature Cycling) Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-32G-2014 (R2019))

IKECA (International Kitchen Exhaust Cleaning Association)

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@ikeca.org, www.ikeca.org

BSR/IKECA I10-202x, Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA I10-2020)

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 | nlagace@niso.org, www.niso.org

BSR/NISO Z39.103-202x, Standards-Specific Ontology (SSOS) (new standard)

NSF (NSF International)

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

BSR/NSF 170-202x (i34r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2022)

NSF (NSF International)

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

BSR/NSF 173-202x (i106r1), Dietary Supplements (revision of ANSI/NSF 173-2021)

NSF (NSF International)

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

BSR/NSF 305-202x (i31r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305 -2022)

TCIA (ASC A300) (Tree Care Industry Association)

136 Harvey Road, Suite 101, Londonderry, NH 03053 | rrouse@tcia.org, www.treecareindustry.org

BSR A300-202x, A300 Tree Care Standards (revision, redesignation and consolidation of ANSI A300 Part 1-2017, ANSI A300 Part 2-2018, ANSI A300 Part 3-2013, ANSI A300 Part 4-2014, ANSI A300 Part 5-2019, ANSI A300 Part 6-2012 (R2018), ANSI A300 Part 7-2018, ANSI A300 Part 8-2019, ANSI A300 Part 9-2017, ANSI A300 Part 10 -2016)

TIA (Telecommunications Industry Association)

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

BSR/TIA 10-A-202x, Interference Criteria for Microwave Systems (revision and redesignation of ANSI/TIA 10-2019)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 48.9-202x, VPX AFT Cooling - Retractable Seals (new standard)

American National Standards (ANS) Announcements

Corrections

IAPMO (ASSE Chapter) - ASSE International Chapter of IAPMO

Designation of proposal changed to BSR/ASSE 1004-202x

The 11/26/2021, PINS Designation identified as BSR/ASSE 1104-202x, has been changed to the following:
BSR/ASSE 1004-202x, Performance Requirements for Commercial Dishwashing Machines
Please direct inquiries to: Angela Juarez; angela.juarez@iapmo.org

American National Standards (ANS) Process

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

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

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

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements

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

• Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation

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

• Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd

• American National Standards Key Steps: www.ansi.org/anskeysteps

• American National Standards Value: www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers: https://www.ansi.org/portal/psawebforms/

• Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/

• ANSI - Education and Training: www.standardslearn.org

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)

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.

A3
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ESTA
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IAPMO (ASSE Chapter)
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IICRC
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NFRC
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VITA
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Jing Kwok
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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

Acoustics (TC 43)

ISO 17208-1:2016/DAmd 1, Underwater acoustics - Quantities and procedures for description and measurement of underwater sound from ships - Part 1: Requirements for precision measurements in deep water used for comparison purposes - Amendment 1 - 3/16/2023, $29.00

Aircraft and space vehicles (TC 20)

ISO/DIS 18170, Aerospace series - AC induction electric motor driven, variable delivery, hydraulic pumps - General requirements - 3/10/2023, $125.00

ISO/DIS 14085-3, Aerospace series - Test methods for hydraulic filter elements - Part 3: Filtration efficiency and retention capacity - 3/10/2023, $107.00

Biotechnology (TC 276)

ISO/DIS 20688-2, Biotechnology - Nucleic acid synthesis - Part 2: General definitions and requirements for the production and quality control of synthesized gene fragments, genes, and genomes - 3/13/2023, $93.00

Building construction (TC 59)

ISO/DIS 16739-1, Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries - Part 1: Data schema - 3/16/2023, $269.00

Control and safety devices for non industrial gas-fired appliances and systems (TC 161)

ISO/DIS 23555-3, Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa - Part 3: Safety shut-off devices - 3/12/2023, $125.00

Document imaging applications (TC 171)

ISO 32000-2:2020/DAmd 1, Document management - Portable document format - Part 2: PDF 2.0 - Amendment 1 - 3/16/2023, $29.00

Ferrous metal pipes and metallic fittings (TC 5)

ISO/DIS 4179, Ductile iron pipes and fittings for pressure and non-pressure pipelines - Cement mortar lining - 3/10/2023, $62.00

Geographic information/Geomatics (TC 211)

ISO 19111:2019/DAmd 2, Geographic information - Referencing by coordinates - Amendment 2 - 3/12/2023, $58.00

ISO 19162:2019/DAmd 1, Geographic information - Well-known text representation of coordinate reference systems - Amendment 1: Geographic information - Well-known text representation of coordinate reference systems - 3/10/2023, $62.00

Glass in building (TC 160)

ISO/DIS 22897, Glass in building - Glazing and airborne sound insulation - Product descriptions, determination of properties and extension rules - 3/13/2023, $53.00

Graphic technology (TC 130)

ISO/DIS 24487, Graphic technology - Processless lithographic plates - Evaluation methods for characteristics and performance - 3/10/2023, $107.00

Healthcare organization management (TC 304)

ISO/DIS 6763, Pandemic response - Social distancing and source control - 3/16/2023, $58.00

Innovation management (TC 279)

ISO/DIS 56008, Innovation management - Tools and methods for innovation operation measurements - Guidance - 3/10/2023, $125.00

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

ISO/DIS 15544, Petroleum and natural gas industries - Offshore production installations - Requirements and guidelines for emergency response - 3/11/2023, $112.00

Optics and optical instruments (TC 172)

ISO/DIS 11979-7, Ophthalmic implants - Intraocular lenses - Part 7: Clinical investigations of intraocular lenses for the correction of aphakia - 3/13/2023, $125.00

Petroleum products and lubricants (TC 28)

ISO/DIS 6919, Measurement of refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels - Dynamic measurement of liquefied natural gas (LNG) as marine fuel - Truck-to-ship (TTS) bunkering - 3/10/2023, $98.00

Plastics (TC 61)

ISO/DIS 22007-4, Plastics - Determination of thermal conductivity and thermal diffusivity - Part 4: Light flash method - 3/12/2023, $67.00

Road vehicles (TC 22)

ISO/DIS 34504, Road vehicles - Test scenarios for automated driving systems - Scenario categorization - 3/16/2023, $112.00

ISO/DIS 11451-3, Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 3: On-board transmitter simulation - 3/10/2023, $125.00

Rolling bearings (TC 4)

ISO/DIS 22872, Rolling bearings - Geometrical product specifications (GPS) - Terms, definitions and symbols associated with GPS - 3/11/2023, $88.00

Rubber and rubber products (TC 45)

ISO/DIS 2398, Rubber hoses, textile-reinforced, for compressed air - Specification - 3/12/2023, $46.00

Ships and marine technology (TC 8)

ISO/DIS 23799, Ships and marine technology - Assessment of onboard cyber safety - 3/16/2023, $71.00

Thermal insulation (TC 163)

ISO 10077-2:2017/DAmd 1, Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 2: Numerical method for frames - Amendment 1 - 3/12/2023, $58.00

Water quality (TC 147)

ISO/DIS 10253, Water quality - Marine algal growth inhibition test with Skeletonema sp. and Phaeodactylum tricornutum - 3/13/2023, $93.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 4879, Information technology - Quantum computing - Terminology and vocabulary - 3/13/2023, $62.00

ISO/IEC DIS 15944-17, Information technology - Business operational view - Part 17: Fundamental principles and rules governing Privacy-by-Design (PbD) requirements in an EDI and collaboration space context - 3/12/2023, $155.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/788/CD, IEC 61810-7-20 ED1: Electrical relays - Tests and Measurements - Part 7-20: Mechanical endurance, 02/17/2023

94/790/CD, IEC 61810-7-24 ED1: Electrical relays - Tests and Measurements - Part 7-24: Load transfer, 02/17/2023

94/789/CD, IEC 61810-7-25 ED1: Electrical relays - Tests and Measurements - Part 7-25: Magnetic interference, 02/17/2023

94/787/CD, IEC 61810-7-39 ED1: Electrical relays - Tests and Measurements - Part 7-39: Insertion and withdrawal force, 02/17/2023

94/786(F)/FDIS, IEC 62246-4 ED1: Reed switches - Part 4: Application in conjunction with magnetic actuator used for magnetic sensing devices, 01/27/2023

94/791/NP, PNW 94-791 ED1: Electrical relays - Tests and Measurements - Part 7-14: Mould growth, 02/17/2023

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

100/3836(F)/CDV, IEC 63474 ED1: Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment (Fast track - Origin CENELEC), 02/17/2023

Electric cables (TC 20)

20/2092/CD, IEC 60332-1-2 ED2: Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame, 03/17/2023

Electric traction equipment (TC 9)

9/2914/CD, IEC 63341-1 ED1: Railway applications - Rolling stock - Fuel cell systems for propulsion - Part 1: Fuel cell system, 03/17/2023

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

13/1879(F)/FDIS, IEC 62057-1 ED1: Electrical energy meters - Test equipment, techniques and procedures - Part 1: Stationary meter test units (MTUs), 01/13/2023

Fibre optics (TC 86)

86A/2272(F)/FDIS, IEC 60794-1-308 ED1: Optical fibre cables - Part 1-308: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon residual twist test, method G8, 01/27/2023

86C/1851/FDIS, IEC 62148-22 ED1: Fibre optic active components and devices - Package and interface standards - Part 22: 25 Gbit/s directly modulated laser packages with temperature control unit, 02/03/2023

Fuel Cell Technologies (TC 105)

105/961/CD, IEC 62282-3-202 ED1: Fuel cell technologies - Part 3-202: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems that can be complemented with a supplementary heat generator for multiple units operation by an energy management system, 03/17/2023

105/949/CDV, IEC 62282-6-101 ED1: Fuel cell technologies - Part 6-101: Micro fuel cell power systems - Safety - General requirements, 03/17/2023

105/950/CDV, IEC 62282-6-106 ED1: Fuel cell technologies - Part 6-106: Micro fuel cell power systems - Safety - Indirect Class 8 (corrosive) compounds, 03/17/2023

105/951/CDV, IEC 62282-6-107 ED1: Fuel cell technologies - Part 6-107: Micro fuel cell power systems - Safety - Indirect water-reactive (Division 4.3) compounds, 03/17/2023

Industrial-process measurement and control (TC 65)

65A/1069/CD, IEC 61326-2-7 ED1: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-7: Particular requirements - Test configurations, operational conditions, test levels and performance criteria for field devices with Ethernet-APL interfaces, 03/17/2023

Insulating materials (TC 15)

15/986/NP, PNW 15-986 ED1: Specification for cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 6: Requirements for presspaper, types P.2.1, P.4.1, P.4.2, P.4.3 and P.6.1, 03/17/2023

Lamps and related equipment (TC 34)

34/1004(F)/FDIS, IEC 62471-7 ED1: Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation, 01/20/2023

34A/2329/CD, IEC 63221 ED1: LED Light sources - Performance requirements, 03/17/2023

Measuring equipment for electromagnetic quantities (TC 85)

85/858/CD, IEC 62974-1 ED2: Monitoring and measuring systems used for data collection, gathering and analysis - Part 1: Device requirements, 03/17/2023

Nuclear instrumentation (TC 45)

45A/1458/DTR, IEC TR 63468 ED1: Nuclear facilities - Instrumentation and control and electrical power systems - Artificial Intelligence applications, 02/17/2023

Performance of household electrical appliances (TC 59)

59C/282(F)/FDIS, IEC 60379 ED4: Methods for measuring the performance of electric storage water-heaters for household purposes, 01/20/2023

59D/501/CD, IEC 60456 ED6: Washing machines for household use - Methods for measuring the performance, 04/14/2023

Power electronics (TC 22)

22G/464(F)/CDV, IEC 61800-9-1 ED2: Adjustable speed electrical power drive systems - Part 9-1: Ecodesign for motor systems - General requirements for setting energy efficiency standards, 02/10/2023

22G/463(F)/CDV, IEC 61800-9-2 ED2: Adjustable speed electrical power drive systems - Part 9-2: Ecodesign for motor systems - Energy efficiency determination and classification, 02/10/2023

Power transformers (TC 14)

14/1097(F)/FDIS, IEC 60076-25 ED1: Power transformers - Part 25: Neutral grounding resistors, 01/13/2023

Primary cells and batteries (TC 35)

35/1511(F)/FDIS, IEC 62281/AMD2 ED4: Amendment 2 - Safety of primary and secondary lithium cells and batteries during transport, 01/13/2023

Printed Electronics (TC 119)

119/415/NP, PNW 119-415 ED1: Future IEC 62899-302-7 ED1: Printed electronics - Part 302-7: Equipment -Measurement methods for Inkjet printing dot placement evaluation for printed electronics, 03/17/2023

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

116/641/CDV, IEC 62841-4-1/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-1: Particular requirements for chain saws, 03/17/2023

Solar photovoltaic energy systems (TC 82)

82/2105/CD, IEC 63387-1 ED1: Hybrid CPV/PV modules: General characteristics and measurement procedures - Part 1: Performance measurements and power rating - Irradiance and temperature, 03/17/2023

82/2104/CD, IEC TS 62788-8-1 ED1: Measurement procedures for electrically conductive adhesive (ECA) used in crystalline silicon photovoltaic modules - Part 8-1: Measurement of material properties, 03/17/2023

82/2106/NP, PNW TS 82-2106 ED1: Floating photovoltaic power plants - Design guidelines and recommendations, 02/17/2023

Solar thermal electric plants (TC 117)

117/172/CDV, IEC 62862-1-6 ED1: Solar thermal electric plants - Part 1-6: Silicone-based heat transfer fluids for the use in line focusing Concentrating Solar Power Applications, 03/17/2023

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

121/125/CD, IEC 62683-2-2 ED1: Low-voltage switchgear and controlgear - Product data and properties for information exchange - Engineering data - Part 2-2: Switchgear and controlgear assembly objects for building information modelling, 02/17/2023

Wind turbine generator systems (TC 88)

88/928/CD, IEC 61400-24/AMD1 ED2: Amendment 1 - Wind energy generation systems - Part 24: Lightning protection, 03/17/2023

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

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO 25178-700:2022, Geometrical product specifications (GPS) - Surface texture: Areal - Part 700: Calibration, adjustment and verification of areal topography measuring instruments, $149.00

Environmental management (TC 207)

ISO 14020:2022, Environmental statements and programmes for products - Principles and general requirements, $149.00

Fluid power systems (TC 131)

ISO 11500:2022, Hydraulic fluid power - Determination of the particulate contamination level of a liquid sample by automatic particle counting using the light-extinction principle, $149.00

Geotechnics (TC 182)

ISO 22476-1:2022, Geotechnical investigation and testing - Field testing - Part 1: Electrical cone and piezocone penetration test, $225.00

Graphic technology (TC 130)

ISO 23498:2022, Graphic technology - Visual opacity of printed white ink, $73.00

Information and documentation (TC 46)

ISO 23527:2022, Information and documentation - Research activity identifier (RAiD), $73.00

Nuclear energy (TC 85)

ISO 20044:2022, Measurement of radioactivity in the environment - Air: aerosol particles - Test method using sampling by filter media, $200.00

Optics and optical instruments (TC 172)

ISO 17411:2022, Optics and photonics - Optical materials and components - Test method for homogeneity of optical glasses by laser interferometry, $175.00

Rubber and rubber products (TC 45)

ISO 4666-3:2022, Rubber, vulcanized - Determination of temperature rise and resistance to fatigue in flexometer testing - Part 3: Compression flexometer (constant-strain type), $111.00

Transport information and control systems (TC 204)

ISO 14906:2022, Electronic fee collection - Application interface definition for dedicated short-range communication, $250.00

ISO 14827-2:2022, Intelligent transport systems - Data interfaces between centres for transport information and control systems - Part 2: AP-DATEX, $250.00

ISO Technical Specifications

Fire safety (TC 92)

ISO/TS 21602:2022, Fire safety engineering - Estimating the reduction in movement speed based on visibility and irritant species concentration, $111.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 15775:2022, Information technology - Office equipment - Method of specifying image reproduction of colour copying machines and multifunction devices with copying modes by printed test charts, $225.00

IEC Standards

Rotating machinery (TC 2)

IEC 60034-18-1 Ed. 3.0 b:2022, Rotating electrical machines - Part 18-1: Functional evaluation of insulation systems - General guidelines, $133.00

IEC 60034-18-1 Ed. 3.0 en:2022 CMV, Rotating electrical machines - Part 18-1: Functional evaluation of insulation systems - General guidelines, $227.00

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

IEC 61010-031 Ed. 3.0 b:2022, Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement, $417.00

IEC 61010-031 Ed. 3.0 en:2022 CMV, Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement, $710.00

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 and makes available these notifications. 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 (https://epingalert.org/) 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. To register for ePing, please visit: https://epingalert.org/

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 available at:
https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Enquiry Point, please visit:
https://www.nist.gov/standardsgov/usa-wto-tbt-enquiry-point
Contact the USA TBT Enquiry Point at (301) 975-2918; E usatbtep@nist.gov or notifyus@nist.gov

2023 Standards Action Publishing | Volume No. 54

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

Based on the dates below, an ANSI-Developer 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	12/20/2022	12/26/2022	Jan 6	2/5/2023	2/20/2023	3/7/2023
02	12/27/2022	1/2/2023	Jan 13	2/12/2023	2/27/2023	3/14/2023
03	1/3/2023	1/9/2023	Jan 20	2/19/2023	3/6/2023	3/21/2023
04	1/10/2023	1/16/2023	Jan 27	2/26/2023	3/13/2023	3/28/2023
05	1/17/2023	1/23/2023	Feb 3	3/5/2023	3/20/2023	4/4/2023
06	1/24/2023	1/30/2023	Feb 10	3/12/2023	3/27/2023	4/11/2023
07	1/31/2023	2/6/2023	Feb 17	3/19/2023	4/3/2023	4/18/2023
08	2/7/2023	2/13/2023	Feb 24	3/26/2023	4/10/2023	4/25/2023
09	2/14/2023	2/20/2023	Mar 3	4/2/2023	4/17/2023	5/2/2023
10	2/21/2023	2/27/2023	Mar 10	4/9/2023	4/24/2023	5/9/2023
11	2/28/2023	3/6/2023	Mar 17	4/16/2023	5/1/2023	5/16/2023
12	3/7/2023	3/13/2023	Mar 24	4/23/2023	5/8/2023	5/23/2023
13	3/14/2023	3/20/2023	Mar 31	4/30/2023	5/15/2023	5/30/2023
14	3/21/2023	3/27/2023	Apr 7	5/7/2023	5/22/2023	6/6/2023
15	3/28/2023	4/3/2023	Apr 14	5/14/2023	5/29/2023	6/13/2023
16	4/4/2023	4/10/2023	Apr 21	5/21/2023	6/5/2023	6/20/2023
17	4/11/2023	4/17/2023	Apr 28	5/28/2023	6/12/2023	6/27/2023
18	4/18/2023	4/24/2023	May 5	6/4/2023	6/19/2023	7/4/2023
19	4/25/2023	5/1/2023	May 12	6/11/2023	6/26/2023	7/11/2023
20	5/2/2023	5/8/2023	May 19	6/18/2023	7/3/2023	7/18/2023
21	5/9/2023	5/15/2023	May 26	6/25/2023	7/10/2023	7/25/2023
22	5/16/2023	5/22/2023	Jun 2	7/2/2023	7/17/2023	8/1/2023
23	5/23/2023	5/29/2023	Jun 9	7/9/2023	7/24/2023	8/8/2023
24	5/30/2023	6/5/2023	Jun 16	7/16/2023	7/31/2023	8/15/2023
25	6/6/2023	6/12/2023	Jun 23	7/23/2023	8/7/2023	8/22/2023
26	6/13/2023	6/19/2023	Jun 30	7/30/2023	8/14/2023	8/29/2023
27	6/20/2023	6/26/2023	Jul 7	8/6/2023	8/21/2023	9/5/2023

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
28	6/27/2023	7/3/2023	Jul 14	8/13/2023	8/28/2023	9/12/2023
29	7/4/2023	7/10/2023	Jul 21	8/20/2023	9/4/2023	9/19/2023
30	7/11/2023	7/17/2023	Jul 28	8/27/2023	9/11/2023	9/26/2023
31	7/18/2023	7/24/2023	Aug 4	9/3/2023	9/18/2023	10/3/2023
32	7/25/2023	7/31/2023	Aug 11	9/10/2023	9/25/2023	10/10/2023
33	8/1/2023	8/7/2023	Aug 18	9/17/2023	10/2/2023	10/17/2023
34	8/8/2023	8/14/2023	Aug 25	9/24/2023	10/9/2023	10/24/2023
35	8/15/2023	8/21/2023	Sep 1	10/1/2023	10/16/2023	10/31/2023
36	8/22/2023	8/28/2023	Sep 8	10/8/2023	10/23/2023	11/7/2023
37	8/29/2023	9/4/2023	Sep 15	10/15/2023	10/30/2023	11/14/2023
38	9/5/2023	9/11/2023	Sep 22	10/22/2023	11/6/2023	11/21/2023
39	9/12/2023	9/18/2023	Sep 29	10/29/2023	11/13/2023	11/28/2023
40	9/19/2023	9/25/2023	Oct 6	11/5/2023	11/20/2023	12/5/2023
41	9/26/2023	10/2/2023	Oct 13	11/12/2023	11/27/2023	12/12/2023
42	10/3/2023	10/9/2023	Oct 20	11/19/2023	12/4/2023	12/19/2023
43	10/10/2023	10/16/2023	Oct 27	11/26/2023	12/11/2023	12/26/2023
44	10/17/2023	10/23/2023	Nov 3	12/3/2023	12/18/2023	1/2/2024
45	10/24/2023	10/30/2023	Nov 10	12/10/2023	12/25/2023	1/9/2024
46	10/31/2023	11/6/2023	Nov 17	12/17/2023	1/1/2024	1/16/2024
47	11/7/2023	11/13/2023	Nov 24	12/24/2023	1/8/2024	1/23/2024
48	11/14/2023	11/20/2023	Dec 1	12/31/2023	1/15/2024	1/30/2024
49	11/21/2023	11/27/2023	Dec 8	1/7/2024	1/22/2024	2/6/2024
50	11/28/2023	12/4/2023	Dec 15	1/14/2024	1/29/2024	2/13/2024
51	12/5/2023	12/11/2023	Dec 22	1/21/2024	2/5/2024	2/20/2024
52	12/12/2023	12/18/2023	Dec 29	1/28/2024	2/12/2024	2/27/2024

BSR/ASHRAE Addendum a
to ANSI/ASHRAE Standard 15-2022

First Public Review Draft

Proposed Addendum a to Standard 15-2022, Safety Standard for Refrigeration Systems

First Public Review (December 2022)
(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, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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ASHRAE, 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

In 2019, ASME introduced a newly created Section XIII as part of its longstanding Boiler and Pressure Vessel Code. The newly created Section XIII relocates requirements for pressure relief devices that existed in other divisions within the code. Section VIII, Division 1 retained requirements for overpressure protection for ASME rated vessels and equipment.

This proposed addendum revises related portions of ANSI/ASHRAE Standard 15 for overpressure protection to appropriately reference to the changes in overpressure protection in the ASME Boiler and Pressure Vessel Code.

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

Addendum a to Standard 15-2022

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

9. DESIGN AND CONSTRUCTION OF EQUIPMENT AND SYSTEMS

[…]

9.4 Pressure Relief Protection

[…]

9.4.2 *Pressure vessels shall* be protected in accordance with Section 9.7. *Pressure relief devices* are acceptable if they either bear a nameplate or are directly marked with a "UV" or "VR" symbol signifying compliance with *ASME Boiler and Pressure Vessel Code*[15], Section XIII.~~Section VIII.~~

[…]

9.5 Setting of Pressure Relief Devices

Overpressure pressure protection of *pressure vessels* required by this standard *shall* conform to the requirements of *ASME Boiler and Pressure Vessel Code*[15], Section VIII, Division 1, paragraphs UG-154 and UG-155.

[…]

9.5.2 Rupture Member Setting. *Rupture members* used in lieu of, or in series with, a relief valve *shall* have a nominal rated rupture pressure not to exceed the *design pressure* of the parts of the system protected. ~~The conditions of application *shall* conform to the requirements of *ASME Boiler and Pressure Vessel Code*[15], Section VIII, Division 1, paragraph UG-127.~~ The size of *rupture members* installed ahead of relief valves *shall not* be less than the relief valve inlet.

9.6 Marking of Relief Devices and Fusible Plugs

9.6.1 *Pressure relief valves* for *refrigerant*-containing components *shall* be set and sealed by the *manufacturer* or an assembler as defined in *ASME Boiler and Pressure Vessel Code*[15], Section XIII.~~Section VIII, Division 1.~~ Each *pressure relief valve shall* be marked by the *manufacturer* or assembler with the data required in *ASME Boiler and Pressure Vessel Code*, Section XIII.~~Section VIII, Division 1.~~

Exception to 9.6.1: Relief valves for systems with *design pressures* of 15 psig (103.4 kPa gage) or less *shall* be marked by the *manufacturer* with the pressure setting capacity.

9.6.2 Each *rupture member* for *refrigerant pressure vessels shall* be marked with the data required in *ASME Boiler and Pressure Vessel Code*[15], Section XIII.~~Section VIII, Division 1, paragraph UG-129(e).~~

[…]

9.7 Pressure Vessel Protection

[…]

9.7.6 The rated discharge capacity of a *pressure relief* expressed in lb of air/min (kg of air/s) *shall* be determined in accordance with *ASME Boiler and Pressure Vessel Code*[15], Section XIII.~~Section VIII, Division 1, paragraph UG-131.~~ All pipe and fittings between the *pressure relief valve* and the parts of the system it protects *shall* have at least the area of the *pressure relief valve* inlet area.

[…]

Modify Section 13 as follows. The remainder of Section 13 remains unchanged.

13. NORMATIVE REFERENCES

[…]

15. ASME. 2021.~~2019.~~ *Boiler and Pressure Vessel Code.* New York: American Society of Mechanical Engineers.

BSR/ASHRAE Addendum t
to ANSI/ASHRAE Standard 15-2022

Second Public Review Draft

Proposed Addendum t to Standard 15-2022, Safety Standard for Refrigeration Systems

Second Public Review (December 2022)
(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, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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ASHRAE, 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

Many of the proposed changes to ANSI/ASHRAE Standard 15 since 2015 have been associated with the impending refrigerant changes due to global warming and climate change, beginning with Addendum d and Addendum h to Standard 15-2016, which addressed specific applications for A2L refrigerants. Several addenda to ANSI/ASHRAE Standard 15-2019 continued this trend, with Addendum c to Standard 15-2019 addressing A3 refrigerant charge in self-contained equipment, Addendum e addressing piping related changes, Addendum l specifically focusing on commercial refrigeration equipment using flammable refrigerants, and Addendum g addressing the concept of releasable charge. Other addenda to Standard 15-2019 also address these topics.

This proposed addendum addresses changes for applications of cooling equipment specific to information technology equipment (ITE) and data center installations. The mitigation principles (refrigerant charge size restrictions, refrigerant detection, air circulation, and product listing) are the same as other applications using flammable refrigerants. One significant difference in ITE applications, due to the sensitive nature of electronic equipment to cleanliness, is that emergency ventilation of outside air is not an acceptable mitigation strategy.

Note to Reviewers: The first publication public review (1st PPR) draft of this proposed addendum was written to revise the text of ANSI/ASHRAE Standard 15-2019, which has now been superseded as the current draft of the standard by ANSI/ASHRAE Standard 15-2022. This second publication public review (2nd PPR) draft proposed revisions to the published text of Standard 15-2022, and shows proposed changes to the current standard, rather than proposed changes to the previous 1st PPR draft. Additional modifications to the proposed text have been drafted in response to comments which were received during the 1st PPR period of the proposed addendum.

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 t to Standard 15-2022

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

3. DEFINITIONS

3.1 Defined Terms

[…]

computer room: a room or portions of a building serving an *ITE* load less than or equal to 10 kW or 20 W/ft^2 (215 W/m^2) or less of conditioned floor area.

[…]

data center: a room or building, or portions thereof, including *computer rooms*, being served by *data center* systems, serving a total *ITE* load greater than 10 kW and 20 W/ft^2 (215 W/m^2) or less of conditioned floor area.

[…]

group controller: an electrical or electronic control system that monitors and responds to multiple distinct inputs from more than one appliance or unit.

[…]

information technology equipment (ITE): computers, data storage, servers, and network/communication equipment.

information technology equipment facilities (ITEF): *data centers* and *computer rooms* primarily used to house *ITE*.

[…]

ITE area: an area of a building where the *ITE room* is located, including support rooms served by the same special air-conditioning or air handling equipment as the *ITE room*.

ITE cooling appliance: an appliance or equipment designed specifically for the cooling of *ITE*, *ITE rooms*, and *ITE areas* such as *data centers* or *computer rooms*.

ITE room: a room within the *ITE area* that contains the *ITE*.

[…]

safety shut-off valve (SSOV): an automatically controlled *refrigerant* valve for the purpose of limiting the amount of *refrigerant* released into a space when a *refrigerant* leak is detected.

[…]

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

7. RESTRICTIONS ON REFRIGERANT USE

[…]

7.2* Volume Calculations

[…]

7.2.3.5* ITE Room Volume Calculations. The *effective dispersal volume* (EDV) of an *ITE room shall* comply with Sections 7.2.1 and 7.2.3, except as modified by Section 7.3.3. The height permitted to permitted to be included in the EDV *shall* be more than 4.0 ft (1.22 m) above the highest *duct* opening. Underfloor spaces utilized in airflow movement *shall* be permitted to be included in the EDV.

[…]

7.9 Information Technology Equipment (ITE) Applications Using Group A2L *Refrigerants*. *High-probability systems* using Group A2L *refrigerants* in *ITEFs shall* comply with this section.

7.9.1 Listing and Installation Requirements. *ITE cooling appliances shall* be *listed* in accordance with ANSI/UL 60335-2-40 or CAN/C22.2 No. 60335-2-40. The *ITE cooling appliance shall* be installed in accordance with the listing, the *manufacturer's* instructions, and the *manufacturer's* markings on the equipment.

7.9.2 Location and Access. Access to the *ITE cooling appliances*, *ITE*, *ITE room*(*s*), and *ITE area*(*s*) *shall* be restricted to authorized personnel. Doors *shall* be clearly marked, or permanent signs *shall* be posted at each entrance to indicate this restriction.

7.9.3 Maximum Refrigerant Charge. The permissible *releasable refrigerant charge* (m_{rel}) for *listed ITE cooling appliances shall* be determined in accordance with Sections 7.9.3.1 and 7.9.3.2, where *system refrigerant charge* (m_c) is adjusted in accordance with *manufacturer's* instructions.

7.9.3.1 The *releasable refrigerant charge* (m_{rel}) *shall not* be greater than the quantity determined by the following equation. Where release mitigation controls complying with Section 7.9.5 are not used, m_{rel} *shall* be equal to m_s.

$$m_{rel} = 0.50 \times LFL \times \text{EDV}/1000$$

where

m_{rel} = *releasable refrigerant charge*, lb (kg)

LFL = *lower flammability limit* as *specified* in ANSI/ASHRAE Standard 34, lb/1000 ft^3 (g/m^3)

EDV = *effective dispersal volume*, as *specified* in Section 7.9.3.2, ft^3 (m^3)

7.9.3.2 The *effective dispersal volume* (EDV) used *shall* be as *specified* in Section 7.3.3.

7.9.3.2.1 Ventilation. *ITE area* spaces which are connected by ventilation *shall* be permitted to be included in the EDV, where ventilation airflow meets the requirements of Section 7.6.4. Ventilation airflow *shall* be either continuous or initiated by a *refrigerant detection system* complying with Section 7.9.4.

7.9.4 Refrigerant Detection System Requirements. When a *refrigerant detection system* is utilized or required to comply with Sections 7.9.5, 7.9.6, or 7.9.7, the *refrigerant detection system shall* comply with the requirements of Section 7.6.5. When a *group controller* is utilized for multiple *ITE cooling appliances*, Sections 7.9.4.1 through 7.9.4.3 *shall* apply.

7.9.4.1 The *refrigerant detection system* of each *ITE cooling appliance shall* provide an output signal to notify the *group controller* or user that *mitigation actions* have been activated.

7.9.4.2 Where a *group controller* is capable of determining an output signal comes from one or more specific *ITE cooling appliance*(*s*), it *shall* be permissible for only that (those) *ITE cooling appliance*(*s*) to perform *mitigation actions*. Where a *group controller* is not capable of determining the source of an output signal, the *group controller shall* command all subject appliances to perform *mitigation actions* in accordance with Section 7.9.5.

7.9.4.3 A *group controller shall* require the use of *administrative controls*.

7.9.5 Release Mitigation Controls. Sections 7.9.5.1 and 7.9.5.2 *shall* apply when *safety shut-off valves* (*SSOVs*) are installed in *refrigerating systems*.

7.9.5.1 Location. *SSOVs shall* be positioned to enable access for service and maintenance by authorized personnel.

7.9.5.2 Standby or Redundant ITE Cooling Appliances. When applied to standby or redundant *refrigerating systems*, *SSOVs shall* be in the closed position for both standby mode and off-mode.

7.9.6 Circulation Airflow. Circulation airflow *shall* be provided continuously or initiated by a *refrigerant detection system* complying with Section 7.9.4. The circulation airflow *shall not* be less than that determined by the following equations:

$$Q_{min} = 500 \times \frac{m_c}{LFL} \quad \text{(I-P)}$$

$$Q_{min} = 30{,}000 \times \frac{m_c}{LFL} \quad \text{(SI)}$$

where

Q_{min} = minimum circulation airflow rate, ft^3/min (m^3/h)

m_c = *system refrigerant charge*, lb (kg)

LFL = *lower flammability limit*, lb/1000 ft^3 (g/m^3)

500 = conversion factor (I-P)

30,000 = conversion factor (SI)

7.9.7 Notification. When a *refrigerant detection system* is used, the notification signal from the *refrigerant detection system shall* initiate an alarm, which *shall* annunciate visual and audible alarms inside the *ITE area* and outside of each entrance to the *ITE area*.

[…]

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

(This appendix 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.)

INFORMATIVE APPENDIX A—EXPLANATORY MATERIAL

Sections of the standard with associated explanatory information in this appendix are marked with an asterisk "*" after the section number.

[…]

Section 7.2.3.5

Figure A7-1 is an example of an *ITE room* and the application of an *ITE cooling appliance*. *ITE room* orientation of hot aisle containment, suspended ceiling, and raised floor, as well as their presence, and direction of airflow, may differ from that shown in the figure. The *ITE cooling appliance* may be located within the *ITE room*, or outside the *ITE room* and ducted to the space.

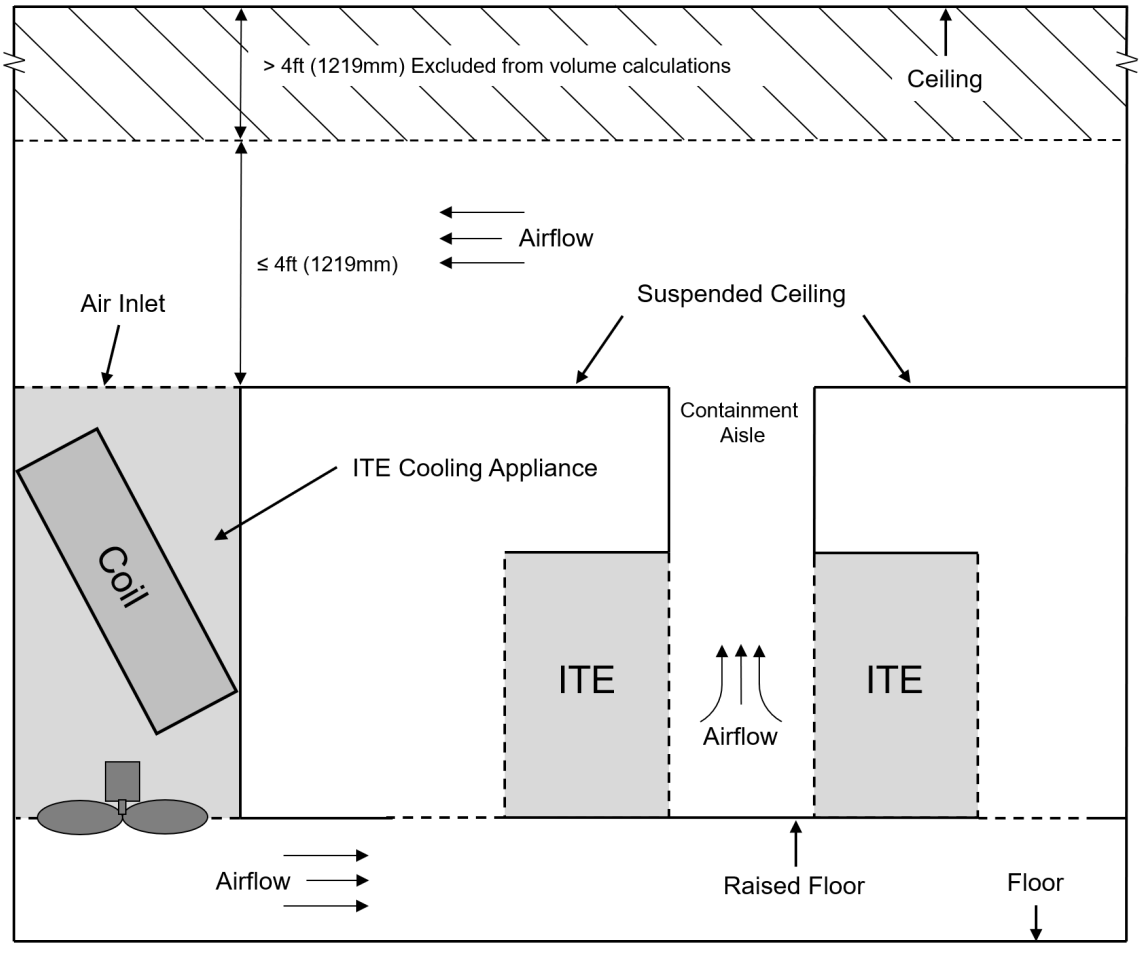

Figure A7-1 Example elevation view of an *ITE room* for determination of *effective dispersal volume* (EDV).

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

NSF/ANSI Standard
for Food Equipment —

Glossary of Food Equipment Terminology

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3.XXX potable ice: ice that is made from potable water and ~~manufactured in accordance with adequate standards and stored, transported, and handled in a sanitary manner~~ intended for human consumption.

***Rationale**: The way in which ice may be manufactured, stored, transported or handled does not define potable ice and is outside of the scope of this definition. Requirements for manufacturing, storing, transporting and handling would be best specified in other food equipment standards. The proposed definition is simple and to the point.*

[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 Health Sciences –

Dietary Supplements

•
•
•

1.2 Scope

This Standard contains requirements for dietary supplements and dietary ingredients 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.

Products and ingredients deemed a hazard to public health or safety by a regulatory agency having jurisdiction shall be excluded from the scope of this document. Conventional foods are excluded from the scope of this Standard.

Manufacturers shall exercise due diligence to ensure compliance with all applicable regulatory requirements, but compliance with this Standard in itself does not imply that all regulatory requirements have been met.

•
•
•

[Note – the changes are illustrated below using ~~strikeout~~ for proposed removal of existing text and grey highlights to indicate the proposed new text. ONLY the highlighted text and ~~strikeout~~ text is within the scope of this ballot. Rationale Statements are in RED and only used to add clarity; these statements will NOT be in the finished publication]

NSF/ANSI Standard
for Personal Care Products

Personal Care Products Containing Organic Ingredients

-

Informative Annex 7

Cross-reference table of where to locate allowed ingredients listed with this Standard

Material	Notes	Part of NSF/ANSI 305 standard
Organic ingredient	Must make up a minimum of 70% of the product. Must be certified to NOP, EU, or COR	Implied under 5.3
Non-Organic Agricultural not on 7CFR205.606: Clearly unprocessed simple agricultural ingredient without additives or processing aids.	Commercial availability not required	Implied under 5.3
Non-Organic Agricultural on 205.606	Commercial availability not required	Implied under 5.3, reference 7CFR205.606 for complete list
Non-Organic Non-Agricultural on 205.605	Annotations must be met with the exception of Commercial Availability	Implied under 5.3, reference 7CFR205.605 for complete list
Non-organic material derived from Ag, but NOT on the National List: NOT clearly a simple unprocessed ag ingredient. Includes Botanochemicals.	Commercial availability not required	5.3.1, N-1.4 and N-1.5 for prohibited.
Non-organic mined minerals on tables 5.3 and 5.4: Mined: chalks, clays, pumice Processed: iron oxides, titanium dioxide, zinc oxide	Allowed processed oxides may be synthetic. Not excluded for calculations if finished product is marketed in California.	Tables 5.3 and 5.4

Preservatives on Table N.1.3	Commercial availability required for non-petroleum derived feedstock source material.	Table N.1.3
Materials listed in tables N.1.1 and N.1.2	Materials in the "organically available" sections require CA documentation for the source materials.	Tables N.1.1 and N.1.2

***Rationale**: This new informative table provides a quick reference guide for users to locate the sub-sections of this Standard where allowable ingredients are explained.*

BSR/UL 94, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

1. Removal of Corner Radius Requirement for the Plate Specimen from Paragraph 9.3.2

PROPOSAL

9.3.2 Bar specimens are to be 125 ±5 mm long by 13.0 ±0.5 mm wide, and provided in the minimum thickness. Plate specimens are to be 150 ±5 mm by 150 ±5 mm and provided in the minimum thickness. Thicker specimens may also be provided and shall be tested if the results obtained on the minimum thickness indicate inconsistent test results. The maximum thickness is not to exceed 13 mm. ~~Edges~~ The edges of the specimens are to be smooth~~,~~. ~~and~~ For bar specimens only, the radius on the corners is not to exceed 1.3 mm.

Exception: Plate specimens smaller than 150 ±5 mm by 150 ±5 mm are acceptable provided that no undesirable influence of heat or combustion around the edge of the specimen exists. This is verified by allowing the tested sample to cool and then using a soft and dry cloth, wipe away soot and/or effluent residue to examine the sample 2 mm away from the edges. Any visual sign of combustion or pyrolysis, or any visual thermal damage such as melting or distortion around the edge of the plate specimen is judged as "burn overflow" and a retest is necessary with bigger plate specimens