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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 ANSI: 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
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.
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.
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**
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.
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**
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
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
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 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**

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. 1.1.2.1 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. 1.1.3 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.
**Project Initiation Notification System (PINS)**

**Revised**

*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](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

**Revised**

*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](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


This proposed addendum revises related portions of ANSI/ASHRAE Standard 15 for overpressure protection to appropriately reference 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


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

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/standardsunderpublicreview
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**


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
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
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 employer’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

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*


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
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
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
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
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
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 EA01, 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
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

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

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
**Revision**


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

**Reaffirmation**

BSR/UL 852-2018 (R202x), Standard for Metallic Sprinkler Pipe for Fire Protection Service (reaffirmation of ANSI/UL 852-2018)


Single copy price: Free
Send comments (copy psa@ansi.org) to: Griff Edwards; griff.edwards@ul.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
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.
Call for Comment on Standards Proposals

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


"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)

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.
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

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

Reaffirmation

Revision

Revision

Revision

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
**Revision**

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

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

**Revision**


**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

**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

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

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

Revision

Revision

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

Final Actions on American National Standards
NFPA (National Fire Protection Association)
One Batterymarch Park, Quincy, MA  02169  | dbellis@nfpa.org, www.nfpa.org

Revision

Revision

Revision

Revision

Revision

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

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://infusioncenter.org/

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
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 ANSI 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 (PICO).

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

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


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


IKECA (International Kitchen Exhaust Cleaning Association)
2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@ikeca.org, www.ikeca.org


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)

TCIA (ASC A300) (Tree Care Industry Association)
136 Harvey Road, Suite 101, Londonderry, NH 03053 | rrouse@tcia.org, www.treecareindustry.org


Call for Members (ANS Consensus Bodies)
**TIA (Telecommunications Industry Association)**
1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | standards-process@tiaonline.org, www.tiaonline.org


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

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

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

- ANSI 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
- ANSI 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.
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.

ANSI-Accredited Standards Developers Contact Information

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NFPA
National Fire Protection Association
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NFRC
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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**


### 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)

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 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
94/786(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)

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)

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)**


**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
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.

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BSR/ASHRAE Addendum a

to ANSI/ASHRAE Standard 15-2022

First Public Review Draft

Proposed Addendum a to

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
First Public Review Draft

(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 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 Code15, 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 Code15, 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 Code15, 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 Code15, 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\textsuperscript{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\textsuperscript{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

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).

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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/ft² (215 W/m²) 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/ft² (215 W/m²) 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 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 ($m_s$) 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 $m_s$.

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

where
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:

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

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

where

- \(Q_{\text{min}}\) = minimum circulation airflow rate, \(\text{ft}^3/\text{min} \) (\(\text{m}^3/\text{h}\))
- \(m_c\) = system refrigerant charge, \(\text{lb} \) (\(\text{kg}\))
- \(LFL\) = lower flammability limit, \(\text{lb}/1000 \text{ ft}^3 \) (\(\text{g}/\text{m}^3\))
- 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 announce 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 72.3.5

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).
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.
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.
Personal Care Products Containing Organic Ingredients

Informative Annex 7

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

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<td>Clearly unprocessed simple agricultural ingredient without additives or processing aids.</td>
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</tr>
<tr>
<td>Non-organic material derived from Ag, but NOT on the National List; NOT clearly a simple unprocessed ag ingredient. Includes Botanochemicals.</td>
<td>Commercial availability not required</td>
<td>5.3.1, N-1.4 and N-1.5 for prohibited</td>
</tr>
<tr>
<td>Non-organic mined minerals on tables 5.3 and 5.4:</td>
<td>Allowed processed oxides may be synthetic. Not excluded for calculations if finished product is marketed in California.</td>
<td>Tables 5.3 and 5.4</td>
</tr>
<tr>
<td>Mined: chalks, clays, pumice</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Processed: iron oxides, titanium dioxide, zinc oxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preservatives on Table N.1.3</td>
<td>Commercial availability required for non-petroleum derived feedstock source material.</td>
<td>Table N.1.3</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Materials listed in tables N.1.1 and N.1.2</td>
<td>Materials in the &quot;organically available&quot; sections require CA documentation for the source materials.</td>
<td>Tables N.1.1 and N.1.2</td>
</tr>
</tbody>
</table>

**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.