ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 W43RD STREET NY, NY 10036

VOL. 55, NO. 20 MAY 17, 2024

CONTENTS

ISSN 0038-9633

Project Initiation Notification System (PINS)

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 210-202x, Best Practice Recommendation for Population Affinity Estimation in Forensic Anthropology (new standard)
Stakeholders: Forensic anthropologists and the medicolegal community.

Project Need: Currently there are no best practices describing Anthropological estimation of population affinity. This document fills that gap and will complement ANSI/ASB Std 132.

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

This document provides best practices, guidelines, and preferred morphological and metric methods for estimation of population affinity from adult skeletal remains. This document does not provide minimum requirements for estimating population affinity as these are covered in ANSI/ASB Standard 132.

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 211-202x, Best Practice Recommendation for Sex Estimation in Forensic Anthropology (new standard)
Stakeholders: Forensic anthropologists and the medicolegal community.

Project Need: Currently there are no best practices describing Anthropological estimation of sex. This document fills that gap and will complement ANSI/ASB Std 090.

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

This document provides best practices, guidelines, and preferred morphological and metric methods for estimation of sex from adult skeletal remains. This document does not provide minimum requirements for estimating sex as these are covered in ANSI/ASB Standard 090.

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB BPR 212-202x, Best Practice Recommendation for Stature Estimation in Forensic Anthropology (new standard)
Stakeholders: Forensic anthropologists and the medicolegal community.

Project Need: Currently there are no best practices describing Anthropological estimation of stature. This document fills that gap and will complement ANSI/ASB Std 045.

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

This document provides best practices, guidelines, and preferred metric methods for estimation of stature from skeletal remains. This document does not provide minimum requirements for estimating stature as those are covered in ANSI/ASB Standard 045.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 022-202x, Standard for Forensic DNA Analysis Training Programs (revision of ANSI/ASB Std 022-2019)
Stakeholders: Medicolegal authorities with responsibility for identifying decedents. Ancillary audiences include law enforcement agencies, crime laboratories, and emergency managers who may support this process.

Project Need: A quality training program helps ensure DNA testing procedures are correctly performed; the DNA data obtained are appropriately analyzed, interpreted, and compared; and statistical values, reports, and testimony provided are accurate and properly communicated. This standard provides the requirements for a foundational training program upon which additional companion standards have been written, developed, and published.

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

This standard provides the requirements for a forensic DNA laboratory's training program in DNA analysis including data interpretation, comparison, statistical analysis, reporting, and testimony.

AAFS (American Academy of Forensic Sciences)

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New Standard

BSR/ASB Std 040-202x, Standard for Forensic DNA Interpretations and Comparison Protocols (new standard)
Stakeholders: Forensic DNA Professionals; criminal justice community

Project Need: A protocol is needed for any DNA testing methodology that includes data interpretation and/or comparison. This standard provides requirements for forensic DNA testing, especially when used in conjunction with ANSI/ASB Standard 020, 1st Edition, 2018, which provides complementary requirements for validation studies for developing the protocol and verification of the consistent use of the protocols.

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

This document sets requirements for a forensic laboratory's DNA interpretation and comparison protocol. This document applies to any type of DNA testing technology and methodology used including, but not limited to, STR testing, DNA sequencing, SNP testing, haplotype testing, and traditional and rapid protocols.

AAFS (American Academy of Forensic Sciences)

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

Revision

BSR/ASB Std 105 e2-202x, Minimum Education Requirements for Firearm and Toolmark Examiner Trainees (revision of ANSI/ASB Std 105-2021)
Stakeholders: Firearm and Toolmark Examiners and Technicians; Forensic Service Providers that provide firearm and toolmark examination services; Judicial System; Law Enforcement Investigators and General Public.

Project Need: Revising the existing ANSI/ASB standard will provide additional structure and guidance for the minimum educational background required of someone seeking a position as a forensic firearm and toolmark examiner.

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

This document provides the minimum education requirements for forensic laboratory applicants and employees entering a training program in firearm and toolmark examination. This document does not apply to previously trained and qualified firearm and toolmark examiners who may be temporarily referred to as trainees when they change employment.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Phillip Olson <olson@americanbearings.org> | 1001 N. Fairfax Street, Suite 500 | Alexandria, VA 22314 www.americanbearings.org

Revision

BSR ABMA 4-202x, Tolerance Definition and Gauging Practices for Ball and Roller Bearings (revision of ANSI/ABMA 4-1994 (S2013))
Stakeholders: Users and manufacturers of ball, cylindrical roller, and spherical roller bearings.

Project Need: Update the standard to reflect the current state of the art.

Interest Categories: Users and Manufacturers of bearings, as well as General Interest for those that neither produce or purchase bearings.

This standard includes: (1) Terms and definitions of tolerances for the boundary dimensions, running accuracy and internal clearance of ball and roller bearings listed in other ANSI/ABMA and ISO standards; (2) Description of methods of measuring, which are commonly used by bearing users and which, as a rule, give an accuracy sufficient for practical purposes.

ABMA (ASC B3) (American Bearing Manufacturers Association)

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Revision

BSR ABMA 20-202x, Radial Bearings of Ball, Cylindrical Roller and Spherical Roller Types - Metric Design (revision of ANSI/ABMA 20-2011)
Stakeholders: Users and manufacturers of ball, cylindrical roller, and spherical roller bearings.

Project Need: Update the standard to reflect the current state of the art.

Interest Categories: Users and Manufacturers of bearings, as well as General Interest for those that neither produce or purchase bearings.

This standard includes: (a) a basic plan for the boundary dimensions of metric radial ball and roller bearings; (b) general rules for extension of the basic plans; (c) dimensions and tolerances for snap ring groove and locating snap rings; (d) dimensions for radial ball bearings with flanged outer ring; and (e) tolerances for boundary dimensions, chamfers, various runouts and internal clearance. This standard does not contain any direction pertaining to internal bearing design nor any indication as to availability of bearings. Airframe bearings, instrument ball bearings, needle roller bearings, tapered roller bearings, thrust bearings and other bearing types and series not conforming to these basic plans for boundary dimensions are covered in other ANSI/ABMA Standards.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 1054-202x, Dentistry – Electronic Dental Laboratory Prescriptions (new standard)
Stakeholders: Dentists, dental laboratories, and manufacturers

Project Need: The working group recommends the technical report be redesignated as an ANSI/ADA Standard. A technical report allows a level of discretion but widespread adoption requires recognition as standard. Revision to include updating definitions and alignment with regulatory requirements for content. Having this document approved as a standard would provide guidance to software developers. This standard will also incorporate any needed elements from ADA TR 1041, Content for Electronic Laboratory Prescriptions, which will then be archived.

Interest Categories: Consumer, Producer, General Interest

The scope of this proposal is to standardize the data necessary to be included on an electronic dental laboratory prescription. The goal of this report is to address the need for electronic transmission of patient information from the dental provider to the outsourced dental laboratory with the necessary security and interoperability.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 1059-202x, Dentistry – Cephalogram Radiographs and Cephalometric Analysis - Functional Profile (new standard)
Stakeholders: Software Developers, Standard Developer Organizations

Project Need: The existing document blends functional requirements with an incomplete and unofficial DICOM implementation guideline. The purpose of this revision is to narrow the focus exclusively to a functional profile. This will serve as the foundation for a future implementation guideline based on DICOM, which we aim to release as either a separate standard or an IHE Profile.

Interest Categories: Consumer, Producer, General Interest

The intended scope is to provide the groundwork for an implementation guideline using DICOM, to be published as a separate standard or IHE Profile.

- List of requirements for PA and Lateral Cephs;
- What to encode, what needs to go along with the images.
- What to query for. What keys need to be queried.
- What needs to be displayed on the sending and receiving workstations.
- List of requirements for ceph analysis (anatomical landmarks and measurements);
- What to encode, what needs to go along with the analysis and images.
- All required anatomical landmarks, with SNOMED codes, if possible.
- All required measurements (distances and angles) with SNOMED codes if possible.
- What needs to be displayed on the sending and receiving workstations.
- Refer to IHE CEPH Profile (to develop).

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 1075-202x, Dentistry – Electronic Orthodontic Dental Laboratory Prescriptions (new standard)
Stakeholders: Dentists, dental laboratories, and manufacturers

Project Need: The working group recommends the technical report be redesignated as an ANSI/ADA Standard. A technical report allows a level of discretion but widespread adoption requires recognition as standard. Having this document approved as a standard would provide guidance to software developers. This standard will also incorporate any needed elements from TR 1041, Content for Electronic Laboratory Prescriptions, which will be archived (with revision of TR 1054, Electronic Dental Laboratory Prescriptions).

Interest Categories: Consumer, Producer, General Interest

The scope of this proposal is to standardize the data necessary to be included on an electronic orthodontic dental laboratory prescription. The goal of this report is to address the need for electronic transmission of patient information from the orthodontic provider to the outsourced dental laboratory with the necessary security and interoperability.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 1088-202x, Dentistry – Human Identification by Comparative Dental Analysis (new standard)
Stakeholders: Forensic odontologist, Medical examiners, Coroners, DVI specialist, FEMA Homeland Security

Project Need: It was determined by the working group that elevating ADA TR 1088 to a full American National Standard would not only facilitate the incorporation of the latest technology but give more definitive guidance to the Odontolgy community and allow the revisions into the federal registry of approved standards.

Interest Categories: Consumer, Producer, General Interest

This standard defines the requirements for identifying an individual by comparative dental analysis.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 1116-202x, Dentistry – Interoperability with Regulatory Compliance in Electronic Health Record Systems (new standard)
Stakeholders: Patients, Dental Team, Clinicians, Manufacturers, Software Vendors, Researchers,Third party Payors

Project Need: In medical and dental practice software systems, the lack of interoperability and inconsistent compliance with mandated rules and regulations is burdensome to the dental profession and patients. Issues with closed proprietrary systems and other barriers may negatively impact patient safety and outcomes and impede efficient workflow.

Interest Categories: Consumer, Producer, General Interest

This new standard will define essential elements of the Electronic Health Record used in dentistry to reflect compliance with regulatory requirements (USCDI and other ONC and CMS rules) and with uniform application of clinical operational requirements (information exchange among providers, patients, and payors) to enable interoperability. This will include eprescribing, FHIR API access to PDMP, and a consistent method to transfer both clinical files (treatment plans, completed treatment, DICOM image files, and referrals) and administrative files (claims and attachments).

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 1117-202x, Dentistry – 3D Intraoral and Extraoral Surface Scans Functional Profile (new standard)
Stakeholders: DICOM Standard Developers, software developers

Project Need: - To develop a list of requirements from providers which vendors need to fulfill when storing and exchanging 3D surface scans (e.g., STL, OBJ, etc.);
- To provide a basis for further standards development, such as DICOM correction packages/supplements, IHE Profiles, HL7 Functional Profiles, etc.

Interest Categories: Consumer, Producer, General Interest

This document will provide a list of requirements from clinical providers which vendors need to fulfill when storing and exchanging 3D surface scans (e.g., STL, OBJ, etc.). It will also provide a basis for further standards development, such as DICOM correction packages/supplements, IHE Profiles, HL7 Functional Profiles, etc.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 215-202x, Dentistry – Orthodontic Aligners in CAD/CAM (new standard)
Stakeholders: Dentists, consumers, and manufacturers

Project Need: Orthdontic aligners are becoming more commonplace and technology has enabled the manufacturing by a wider group of companies. In addition, new ways of producing orthodontic aligners and coming onto the market and standards should be established to ensure patient safety and clinical results.

Interest Categories: Consumer, Producer, General Interest

Establishing a standard for orthodontic aligners produced through any CAD/CAM process.

ADA (Organization) (American Dental Association)

Mary Swick <swickm@ada.org> | 211 E. Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

New Standard

BSR/ADA Standard No. 216-202x, Dentistry – Irrigating Solutions and Medicaments for Endodontic Procedures (new standard)
Stakeholders: Dentists, consumers, and manufacturers

Project Need: Various materials are used for disinfection, anti-inflammatory, tissue dissolution or bleaching of dentin during endodontic procedures. Purity and concentration requirements would help contribute to clinical knowledge and patient safety. This standard could include 5 classes: solutions for tissue dissolution, solutions for disinfection, solutions for tissue dissolution and disinfection, disinfecting medicaments (e.g., calcium hydroxide and antibiotics), and medicaments for bleaching (e.g., sodium perborate). The minimum concentrations of the solutions, and the purity of medicaments may be specified, as well as the requirements for marking, labeling, packaging, and instructions for use.

Interest Categories: Consumer, Producer, General Interest

This document specifies the requirements for irrigating solutions and medicaments used during endodontic procedures.

ASABE (American Society of Agricultural and Biological Engineers)

Carla Companion <companion@asabe.org> | 2950 Niles Road | Saint Joseph, MI 49085 https://www.asabe.org/

Withdrawal

ANSI/ASABE/ISO 15077-2008 OCT2008 (R2024), Tractors and Self-Propelled Machinery for Agriculture — Operator Controls — Actuating Forces, Displacement, Location and Method of Operation (withdrawal of ANSI/ASABE/ISO 15077-2008 OCT2008 (R2024))
Stakeholders: Agricultural tractors and self-propelled equipment manufacturers

Project Need: Within ISO TC23/SC3, USA led the ISO project to update operator controls methodology. The latest revision reflects the changes the USA requested. The current ISO 15077 document was published in 2020. The currently published national adoption is an adoption of the 2008 publication of ISO 15077. MS-23/3 has proposed the withdrawal of ASABE/ISO 15077:2008 OCT2008 (R2024), Tractors and Self-Propelled Machinery for Agriculture — Operator Controls — Actuating Forces, Displacement, Location and Method of Operation, and placing ISO 15077:2020 on the ASABE Recognized Document List.

Interest Categories: Compliance, Design, General Interest, Producer, Safety and User

Specifies the preferred method of operation and requirements related to operator controls actuated by hand and foot, installed in agricultural tractors and self-propelled agricultural machinery and used by a seated operator as intended and under the conditions foreseen by the manufacturer. It also gives recommendations for the maximum control actuating forces, direction of motion and location of these controls.

ASIS (ASIS International)

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

Revision

BSR/ASIS INV-202x, Investigations (revision and redesignation of ANSI/ASIS INV.1-2015)
Stakeholders: Internal and external investigations for organizations of all sizes and types: global business community; not-for-profit organizations and foundations; educational institutions; government agencies and organizations; professional security practitioners and consultants, private investigators.

Project Need: Investigators need a structured approach to gathering and documenting information based on facts, in order to conduct or manage investigations.

Interest Categories: General interest; Producers/Service Providers; and Users/Managers.

This standard provides guidance for managing and conducting investigations. It also provides guidance regarding generally accepted practices relative to the processes and consideration for investigations.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK90416-202x, New Specification for Football Helmet Eyeshield Visors (new standard)
Stakeholders: Eye Safety for Sports Industry

Project Need: To date, a standard does not exist setting minimal protection provision and optical acuity requirements - which is a detriment to those players who rely on visors either for mechanical or visual protection.

Interest Categories: Producer, User, General Interest

This specification covers polymer-type eye protectors designed to attach to, and complement the protection provided by football helmet faceguards. Eyeshield visors provide additional protection to the eye and adnexa from to impact on the field of play from objects which may penetrate the openings of the grid of the helmet faceguard. In addition to impact resistance, the specification sets minimum performance requirements for visual acuity such that the visor will not denigrate player performance.

BHMA (Builders Hardware Manufacturers Association)

Michael Tierney <mtierney@kellencompany.com> | 17 Faulkner Drive | Niantic, CT 06357 www.buildershardware.com

Revision

BSR/BHMA A156.30-202x, Standard for High Security Cylinders (revision of ANSI/BHMA A156.30-2020)
Stakeholders: Producers, architects, users, laboratories, specifiers

Project Need: Routine five-year update

Interest Categories: Government, users, producers, general interest, laboratories

This Standard includes security-performance-based requirements for both mechanical and electrified high-security cylinders. For the purpose of this Standard, "High Security Cylinder" includes mechanical lock cylinders, electromechanical cylinders, and the electronic lock subassemblies that are analogous to the cylinder assemblies. Cylinders include their keys or electronic credentials; their detainers (mechanical pins, levers, discs) or electronic control device; and their cylinder tailpiece or cam or electronic output port.

TCNA (ASC A108) (Tile Council of North America)

Katelyn Simpson <ksimpson@tcnatile.com> | 100 Clemson Research Blvd. | Anderson, SC 29625 www.tcnatile.com

Revision

BSR A108.19-202x, Interior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method bonded with Modified Dry-Set Cement Mortar or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.19-2020)
Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries and other general interest users of this standard (general interest category).

Project Need: Stakeholders have suggested revisions to various sections of this standard.

Interest Categories: Ceramic, Glass, Stone, or other Hard Surface Flooring, Wall Covering, or Countertop Producers Installation Materials Manufacturers Labor Users General Interest

This specification provides interior installation procedures and requirements for installing gauged porcelain tiles and gauged porcelain tile panels/slabs that meet ANSI A137.3, table 4, for use on floors, walls, and countertops and for installing gauged porcelain tiles and gauged porcelain tile panels/slabs that meet ANSI A137.3, table 5, for use on walls and countertops.

TCNA (ASC A108) (Tile Council of North America)

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Revision

BSR A108.20-202x, Exterior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs (revision of ANSI A108.20-2020)
Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries and other general interest users of this standard (general interest category).

Project Need: Stakeholders have suggested revisions to various sections of this standard.

Interest Categories: Ceramic, Glass, Stone, or other Hard Surface Flooring, Wall Covering, or Countertop Producers Installation Materials Manufacturers Labor Users General Interest

This specification provides exterior installation procedures and requirements for installing vertical and overhead gauged porcelain tiles and gauged porcelain tile panels/slabs that meet ANSI A137.3, tables 4 and 5. For the purposes of this standard, exterior vertical and overhead installations include walls, ceilings, soffits, and facias.

TCNA (ASC A108) (Tile Council of North America)

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Revision

BSR A118.6-202x, Standard Specifications for Standard Cement Grouts for Tile Installation (revision of ANSI A118.6 -2019)
Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries and other general interest users of this standard (general interest category).

Project Need: Stakeholders have suggested revisions to various sections of this standard.

Interest Categories: Ceramic, Glass, Stone, or other Hard Surface Flooring, Wall Covering, or Countertop Producers Installation Materials Manufacturers Labor Users General Interest

This specification describes the test methods and minimum requirements for standard cementitious grouts. Grouts meeting this specification may or may not contain polymers.

TCNA (ASC A108) (Tile Council of North America)

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Revision

BSR A118.7-202x, Standard Specifications for High Performance Cement Grouts for Tile Installation (revision of ANSI A118.7-2019)
Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries and other general interest users of this standard (general interest category).

Project Need: Stakeholders have suggested revisions to various sections of this standard.

Interest Categories: Ceramic, Glass, Stone, or other Hard Surface Flooring, Wall Covering, or Countertop Producers Installation Materials Manufacturers Labor Users General Interest

This specification describes the test methods and minimum requirements for high-performance cement grouts. Grouts in this category provide improved tensile strength, flexural strength, and lower water absorption.

ULSE (UL Standards & Engagement)

Anne Marie Jacobs <annemarie.jacobs@ul.org> | 12 Laboratory Drive | Research Triangle Park, NC 27709-3995 https://ulse.org/

New Standard

BSR/UL 60335-2-79-202x, Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners (new standard)
Stakeholders: Manufacturers, supply chain and users of high-pressure cleaners and steam cleaners for household, industrial and commercial use

Project Need: A need has been identified for an IEC-based, US/CAN standard covering high pressure cleaners for household, industrial and commercial use. There is currently no such standard that deals with the safety of equipment including portable, stationary, and fixed high-pressure cleaning machines in which the discharge line is hand supported and manipulated, and intended for household, farm or commercial/industrial applications.

Interest Categories: AHJ/Regulator; Commercial/Industrial. User; Consumer; General; Producer; Supply Chain; and Testing & Standards organization.

This international standard deals with the safety of high-pressure cleaners for household, industrial and commercial use. These requirements cover portable, stationary, and fixed high-pressure cleaning machines in which the discharge line is hand supported and manipulated, and intended for household, farm or commercial/industrial applications. This Standard also applies to fixed appliances within the above limits and is also applicable to appliances making use of other forms of energy for the motor, but it is necessary that their influence is taken into consideration.

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: June 16, 2024

AWI (Architectural Woodwork Institute)

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

Revision

BSR/AWI 0620-202x, Finish Carpentry/Installation (revision of ANSI/AWI 0620-2018)
To provide aesthetic and structural performance standards for the installation of products included in the scope of AWI Standards.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://forms.gle/PczDsF1evnu8uqB78

IAPMO (WES) (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761 | hugo.aguilar@iapmo.org, http://www.iapmo.org

Revision

BSR/IAPMO/WESTAND-202x, Water Efficiency and Sanitation Standard (revision of ANSI/IAPMO/WESTAND 2020)
The modification seeks to update venting requirements to prevent conflicts with existing standards.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: codes-dept@iapmo.org

Comment Deadline: June 16, 2024

NSF (NSF International)

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

Revision

BSR/NSF 5-202x (i12r1), Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2019)
This standard contains requirements for heat recovery equipment and equipment intended to provide hot water heated by electricity, gas, steam, or oil. The types of equipment covered by this standard include, but are not limited to: automatic storage water heaters, circulating water heaters, hot water supply boilers, and steam heat exchangers. Instantaneous water heaters used to heat water other than for beverages are covered under this standard.
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 | arose@nsf.org, www.nsf.org

Revision

BSR/NSF 37-202x (i11r1), Air Curtains for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2020)
Equipment covered by this standard includes, but is not limited to, air curtains for entranceways in food and food service establishments (e.g., service and customer entries, service windows, cooler and cold storage entries). Housing, air moving equipment, air directional regulating devices, and other appurtenances to the air curtain are included.
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 | arose@nsf.org, www.nsf.org

Revision

BSR/NSF 52-202x (i10r1), Supplemental Flooring (revision of ANSI/NSF 52-2020)
Supplemental flooring covered by this Standard includes, but is not limited to, supplemental flooring for use in food preparation, dry storage, and warewashing areas.
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 | arose@nsf.org, www.nsf.org

Revision

BSR/NSF 59-202x (i12r1), Mobile Food Carts (revision of ANSI/NSF 59-2020)
This standard contains requirements for mobile food carts and their related components and materials. This standard applies to mobile food carts intended for the preparation and service of food, as well those intended for service of prepackaged food only.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose <arose@nsf.org>

Comment Deadline: June 16, 2024

NSF (NSF International)

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

Revision

BSR/NSF 455-4-202x (i49r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2022)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of over-the-counter (OTC) drug products to 21 CFR Part 210 and 21 CFR Part 211, International Council for Harmonisation of Technical Requirements for Pharmaceutical for Human Use (ICH) Quality Guidelines, 1, 7 and 10, as well as incorporating additional retailer requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Rachel Brooker <rbrooker@nsf.org>

ULSE (UL Standards & Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

Revision

BSR/UL 639-202x, UL Standard for Safety for Intrusion-Detection Units (revision of ANSI/UL 639-2019)
1.1 These requirements cover intrusion-detection units intended to be used in burglary-protection signaling systems. These units are intended to be used in indoor or outdoor locations to automatically indicate the presence of an intruder by actuating electrical control circuits. 1.2 An intrusion detector, as covered by these requirements, consists of one or more unit assemblies of electrical components that are designed to detect the presence, movement, sound or other activity of an intruder. Provision is made for connection to the assembly of power supply, remote control, and signal circuits by a prescribed method of wiring. 1.3 Intrusion-detection units covered by these requirements are intended to be installed in accordance with the Standard for Installation and Classification of Burglar and Holdup Alarm Systems, UL 681.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

ULSE (UL Standards & Engagement)

1603 Orrington Ave., Suite 2000, Evanston, IL 60201 | anna.roessing-zewe@ul.org, https://ulse.org/

Revision

BSR/UL 1046-202x, Standard for Grease Filters for Exhaust Ducts (revision of ANSI/UL 1046-2022)
1.1 Products covered by these requirements are single-stage and multi-stage grease filters. These grease filters are intended for installation and use in accordance with the Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, NFPA No. 96 and the International Mechanical Code (IMC). 1.2 Grease extraction devices integral to the exhaust hoods that use them and other filter devices designed to be used in only the specific manufacturer's hoods are not covered by this standard but are tested under the Standard for Exhaust Hoods for Commercial Cooking Equipment, UL 710, or the Standard for Recirculating Systems, UL 710B, or the Outline for Ultraviolet Radiation Systems for Use in the Ventilation Control of Commercial Cooking Operations, Subject 710C.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Comment Deadline: July 1, 2024

AARST (American Association of Radon Scientists and Technologists)

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

Revision

BSR/AARST CCAH-202x, Soil Gas Control in New Construction of 1 & 2 Family Dwellings and Townhouses (revision of ANSI/AARST CCAH-2023)
The provisions in this standard of practice provide prescriptive minimum requirements for newly constructed one- and two-family dwellings and townhouses in order to reduce occupant exposure to radon and other hazardous soil gases. Proposed holistic improvements after harmonization with ANSI/AARST CC-1000 include step-by-step implementation of designs that improve the chances of passive benefits while optimizing energy conservation when active soil depressurization (ASD) fans are desired or found needed. Previous printed as CCAH 2020 Rev.5/23 (Reducing Radon in New Construction of 1 & 2 Family Dwellings and Townhouses), and ANSI/AARST CC -1000 2023 (Soil Gas Control Systems in New Construction of Multifamily, School, Commercial and Mixed-Use Buildings) are publicly available for review at www.standards.aarst.org
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: Same

AARST (American Association of Radon Scientists and Technologists)

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

Revision

BSR/AARST MW-RN-202x, Protocol for the Collection, Transfer and Measurement of Radon in Water (revision of ANSI/AARST MW-RN-2020)
Consistent with plans relative to our continuous maintenance program, the latest publication of ANSI/AARST MW-RN is being published for public review. This standard of practice contains minimum requirements and guidance for measuring radon in water that enters a building through groundwater supplies for determining if mitigation is necessary to protect current and future occupants of dwellings and other buildings. This standard includes procedures for the collection and transport of water samples, as well as protocols for the quantitative transfer of the sample to a measurement device to determine radon concentrations in water.
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: Same

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

Revision

BSR/AHRI Standard 370-202x (SI/I-P), Sound Performance Rating of Large Air-cooled Outdoor Refrigerating and Air-conditioning Equipment (revision of ANSI/AHRI Standard 370-2015)
This standard applies to the air-cooled outdoor portions of factory-made commercial and industrial large air-cooled outdoor refrigerating and air conditioning equipment greater than 40kw cooling capacity.
Single copy price: Free
Obtain an electronic copy from: https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview
Send comments (copy psa@ansi.org) to: AHRI_Standards@ahrinet.org

Comment Deadline: July 1, 2024

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 5.10-1998 (R202x), Airborne Release Fractions at Non-Reactor Nuclear Facilities (reaffirmation of ANSI/ANS 5.10-1998 (R2019))
This standard provides criteria for defining Airborne Release Fractions (ARFs) for radioactive materials under accident conditions (excluding nuclear criticalities) at non-reactor nuclear facilities. The criteria in this standard provide requirements for selecting ARFs based on the calculated or assumed forms of radioactive material released. This standard may be applied to determine the ARFs for certain applicable reactor plant events for which alternative methodologies are not mandated by regulatory requirements. Because the predominant physical forms of radioactive materials in non-reactor facilities are solids and liquids, the standard focuses on these forms. Criteria are also provided for gases and materials that can be converted into the form of a vapor.
Single copy price: $145.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

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

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

Revision

BSR/ASHRAE Standard 172-202xR, Method of Test for Insoluble Materials in Lubricant and Refrigerant Systems (revision of ANSI/ASHRAE Standard 172-2017)
This revision of ANSI/ASHRAE Standard 172-2017 defines a test method to determine the formation of insoluble materials in lubricant and refrigerant systems. The test will determine the presence of materials that separate from refrigerant and lubricant mixtures over a range of temperatures and concentrations. The test is based on the precipitation of insoluble material in a lubricant/refrigerant combination. The results can be used to compare lubricants and refrigerants.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

AWI (Architectural Woodwork Institute)

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

New Standard

BSR/AWI 0622.0646-202x, Millwork & Wood Trim (new standard)
Provide standards and tolerances for the quality and fit of catalog and made-to-order millwork, shop-fabricated assemblies, and related interior and exterior finishes.
Single copy price: Free
Obtain an electronic copy from: http://gotoawi.com/standards/awi06220646.html
Send comments (copy psa@ansi.org) to: https://forms.gle/ffJQneHZ5U7TX2zv9

Comment Deadline: July 1, 2024

AWI (Architectural Woodwork Institute)

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

New Standard

BSR/AWI 0642-202x, Wood Paneling (new standard)
Provide standards and tolerances for the quality and fit of wall and ceiling surface paneling, components, and related interior finishes. Establishing aesthetic and performance standards for wall and ceiling surface paneling composed of solid wood, wood veneer applied to core materials, decorative laminate clad panels, solid surface, and solid phenolic. Includes standards for matching of veneers and panels within building areas.
Single copy price: Free
Obtain an electronic copy from: http://gotoawi.com/standards/awi0642.html
Send comments (copy psa@ansi.org) to: https://forms.gle/UX7gSgx5BkL7Fwni7

AWI (Architectural Woodwork Institute)

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

New Standard

BSR/AWI 1235-202x, Specialty Casework (new standard)
To provide aesthetic and structural performance standards for specialty casework products designed and manufactured for specific construction projects.
Single copy price: Free
Obtain an electronic copy from: http://gotoawi.com/standards/awi1235.html
Send comments (copy psa@ansi.org) to: https://forms.gle/1x7RTb9unNimvZh97

AWWA (American Water Works Association)

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

New Standard

BSR/AWWA C233 (formerly C2GT)-202x, Geotextile Backed Tape Coatings for Steel Water Pipe and Fittings (new standard)
This standard describes protective coatings that consist of liquid adhesive and geotextile backed tape coating systems and their applications to steel water pipe and fittings to be used for underground steel water pipelines. Geotextile backed tape coating systems conforming to this standard may be field- or shop-applied to uncoated fittings, or field-applied to pipelines and joints protected with organic coatings.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

AWWA (American Water Works Association)

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

New Standard

BSR/AWWA C607 (formerly C6XX)-202x, Installation of Concrete Pressure Pipe (new standard)
This standard provides the field installation guidelines for buried concrete pressure pipe. The information contained in this standard is intended to be used as a guide to assist in the installation of concrete pressure pipe.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

Comment Deadline: July 1, 2024

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C226-202x, Stainless-Steel Fittings for Waterworks Service, Sizes 1/2 in. through 72 in. (13 mm through 1,800 mm) Field Welding of Stainless-Steel Pipe (revision of ANSI/AWWA C226-2019)
This standard pertains to the various types of stainless-steel fittings that are intended for the transmission and distribution of potable water, reclaimed water, and wastewater, and for use in other water-supply system facilities.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Send comments (copy psa@ansi.org) to: AWWA, Paul J. Olson (polson@awwa.org)

CAPA (Certified Automotive Parts Association)

c/o Intertek, 4700 Broadmoor SE, Suite 200, Kentwood, MI 49512 | Bernadette.Kronberg@intertek.com, www.CAPAcertified.org

Reaffirmation

BSR/CAPA 101-001-2019 (R202x), Standard Test Method for Striker Retention Testing of Automotive Replacement Sheet Metal Hoods with Strikers (reaffirmation of ANSI/CAPA 101-001-2019)
To provide a test method that may be used to perform retention testing of primary strikers found on sheet metal hoods.
Single copy price: Free
Obtain an electronic copy from: bernadette.kronberg@intetek.com
Send comments (copy psa@ansi.org) to: Bernadette Kronberg <Bernadette.Kronberg@intertek.com>

CAPA (Certified Automotive Parts Association)

c/o Intertek, 4700 Broadmoor SE, Suite 200, Kentwood, MI 49512 | Bernadette.Kronberg@intertek.com, www.CAPAcertified.org

Reaffirmation

BSR/CAPA 201-001-2019 (R202x), Standard Test Method for Full Part Dimensional Stability Testing of Automotive Replacement Bumper Covers (reaffirmation of ANSI/CAPA 201-001-2019)
To provide a test method that may be used to determine the dimensional stability of an automotive replacement bumper cover when exposed to cold and heat.
Single copy price: Free
Obtain an electronic copy from: bernadette.kronberg@intertek.com
Send comments (copy psa@ansi.org) to: Bernadette Kronberg <Bernadette.Kronberg@intertek.com>

Comment Deadline: July 1, 2024

CSA (CSA America Standards Inc.)

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

New Standard

BSR/CSA C22.2 No. 350-202x, Test method for safety and performance of thermal barriers for use in batteries and battery-based energy storage systems (new standard)
1.1 This standard provides requirements to properly assess the thermal and mechanical performance of thermal barriers used between cells in battery pack and battery system. 1.2 The purpose of this standard is to provide testing requirements for thermal barriers used in battery pack and battery system intended to limit the propagation of thermal runaway. 1.3 This standard provides criteria to categorize thermal barriers based on their performance. 1.4 Thermal barrier material's property when tested according to this standard may vary based on its use in a battery and battery systems. Test results of this material property will provide thermal barrier property details for comparison with different materials. Testing for propagation of thermal runaway to be conducted to meet the end product requirement.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: Same

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | jkirk@esda.org, https://www.esda.org

New Standard

BSR/EOS ESD SP5.1.4-202X, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) Testing - Device Level - A Method for Random Sampling of Power Pins (new standard)
This standard practice selects pin pairs for HBM testing using ANSI/ESDA/JEDEC JS-001 with a modification for two-channel testers. The pin combination sets in Table 2A or Table 2B of ANSI/ESDA/JEDEC JS-001 define groups of pins connecting to Terminal B of the tester, while this document replaces such groups with single pins sampled from the respective power pin groups.
Single copy price: $165.00 List/$135.00 Member
Obtain an electronic copy from: cearl@esda.org
Send comments (copy psa@ansi.org) to: Same

NSF (NSF International)

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

Revision

BSR/NSF/CAN 600-202x (i12r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2023)
The standard defines the toxicological review and evaluation procedures for the evaluation of substances imparted to drinking water through contact with drinking water system components (and drinking water additives). It is intended to establish the human health risk, if any, of the substances imparted to drinking water under the anticipated use conditions of the product. Table 4.1 of this Standard contains evaluation criteria that have been determined according to the requirements of this Standard.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/higherlogic/ws/public/download/74768/600i12r1-%20Table%204.1%20PFAS%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Amy Jump <ajump@nsf.org>

Comment Deadline: July 1, 2024

TCNA (ASC A108) (Tile Council of North America)

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A108.15-2019 (R202x), Alternate Method: Installation of Paper-Faced Glass Mosaic Tile (reaffirmation of ANSI A108.15-2019)
This specification is a guideline for paper-faced glass mosaic tile (including glass tile thinner than 3/16 in. and sheets/murals incorporating tiles of varying thickness) installed over portland cement mortar beds, cured a minimum of seven days, and cementitious backer units (CBUs) using manufacturer-recommended ANSI A118.4 modified dry-set cement mortar or ANSI A118.15 improved modified dry-set cement mortar combined with back buttering the sheets with grout during the installation process.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A108.16-2020 (R202x), Installation of Paper-Faced, Back-Mounted, or Clear Film Face-Mounted Glass Mosaic Tile (reaffirmation of ANSI A108.16-2020)
This specification is a guideline for installing paper-faced, back-mounted, edge-mounted, or clear film face-mounted glass mosaic tile, 3/16 in. and thicker, using the direct bond method over portland cement mortar beds, cured seven days minimum, and cementitious backer units (CBUs).
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A108.8 (R202x), Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (reaffirmation of ANSI A108.8-1999 (R2019))
This specification describes the minimum requirements for the installation of ceramic tile with chemical resistant furan resin mortar and grout.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A118.12 (R202x), Standard Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation (reaffirmation of ANSI A118.12-2014 (R2019))
This specification describes the test methods and minimum requirements for crack isolation membranes for thin-set ceramic tile and dimension stone installation.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

Comment Deadline: July 1, 2024

TCNA (ASC A108) (Tile Council of North America)

100 Clemson Research Blvd., Anderson, SC 29625 | ksimpson@tcnatile.com, www.tcnatile.com

Reaffirmation

BSR A118.13 (R202x), Standard Specification for Bonded Sound Reduction Membranes for Thin-set Ceramic tile Installation (reaffirmation of ANSI A118.13-2014 (R2019))
This specification describes the test methods and minimum requirements for sound reduction membranes for thin-set ceramic tile installation.
Single copy price: $20.00
Obtain an electronic copy from: ksimpson@tileusa.com
Send comments (copy psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

TIA (Telecommunications Industry Association)

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

New Standard

BSR/TIA 455-37-B-202x, Low or High Temperature Bend Test for Fiber Optic Cable (new standard)
Update the test standard, i.e., updating of obsolete references, improvement of some descriptions, restructuring of some (sub)clauses, updating of the comparison with the IEC bend test method, etc. The entire document is open for comment.
Single copy price: $99.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 248-5-2005 (R202x), Standard for Low-Voltage Fuses - Part 5: Class G Fuses (reaffirmation of ANSI/UL 248-5-2005 (R2019))
(1) Reaffirmation and continuance of the 2nd Edition of the Standard for Low-Voltage Fuses – Part 5: Class G Fuses, UL 248-5, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 248-6-2005 (R202x), Standard for Low-Voltage Fuses - Part 6: Class H Non-Renewable Fuses (reaffirmation of ANSI/UL 248-6-2005 (R2019))
(1) Reaffirmation and continuance of the 2nd Edition of the Standard for Low-Voltage Fuses – Part 6: Class H Non-Renewable Fuses, UL 248-6, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: July 1, 2024

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC | akhira.watson@ul.org, https://ulse.org/

Reaffirmation

BSR/UL 248-7-2005 (R202x), Standard for Low-Voltage Fuses - Part 7: Class H Renewable Fuses (reaffirmation of ANSI/UL 248-7-2005 (R2019))
(1) Reaffirmation and continuance of the 2nd Edition of the Standard for Standard Low-Voltage Fuses - Part 7: Class H Renewable Fuses, UL 248-7, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Send comments (copy psa@ansi.org) to: Follow the instructions at the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

1603 Orrington Ave., Suite 2000, Evanston, IL 60201 | anna.roessing-zewe@ul.org, https://ulse.org/

Revision

BSR/UL 1709-202x, Standard for Rapid Rise Fire Tests of Protection Materials for Structural Steel (revision of ANSI/UL 1709-2022)
1.1 This Standard describes a full-scale test method for measuring the thermal resistance of protective materials, systems, or constructions to rapid-temperature-rise fires. 1.2 Part 1 of this Standard describes the furnace calibration and furnace control requirements.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: July 16, 2024

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME VVUQ 60.1-202x, Considerations and Questionnaire for Simulation Software Selection (new standard)
This document provides guidance to computational physics simulation software end-users for evaluating and selecting appropriate simulation software for their intended application of interest.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Donnie Alonzo <alonzod@asme.org>

Comment Deadline: July 16, 2024

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.1.5-1998 (R202x), Measurement of Plain External Diameters for Use as Master Discs or Cylindrical Plug Gages (reaffirmation of ANSI/ASME B89.1.5-1998 (R2019))
This Standard is intended to establish uniform practices for the measurement of master discs or cylindrical plug gages to a given tolerance using vertical or horizontal comparators and laser instruments. The Standard includes requirements for geometric qualities of master discs or cylindrical plugs, the important characteristics of the comparison equipment, environmental conditions, and the means to assure that measurements are made with an acceptable level of accuracy. This Standard does not address thread or gear measuring wires.
Single copy price: $45.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.3.4-2010 (R202x), Axes of Rotation - Methods for Specifying and Testing (reaffirmation of ANSI/ASME B89.3.4-2010 (R2019))
This Standard is primarily intended for, but not limited to, the standardization of methods for specifying and testing axes of rotation of spindles used in machine tools and measuring machines.
Single copy price: $52.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.7.2-2014 (R202x), Dimensional Measurement Planning (reaffirmation of ANSI/ASME B89.7.2 -2014 (R2019))
The objective of this Standard is to ensure correctness and acceptability of dimensional measurements. This Standard specifies requirements for preparation and approval of dimensional measurement plans and for the use of approved plans in making dimensional measurements.
Single copy price: $59.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.7.3.1-2001 (R202x), Guideline for Decision Rules: Considering Measurement Uncertainty in Determining Conformance to Specifications (reaffirmation of ANSI/ASME B89.7.3.1-2001 (R2019))
These guidelines provide terminology and specify the content that must be addressed when stating a decision rule used for deciding the acceptance or rejection of a product according to specification.
Single copy price: $37.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

Comment Deadline: July 16, 2024

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME B89.7.6-2019 (R202x), Guidelines for the Evaluation of Uncertainty of Test Values Associated with the Verification of Dimensional Measuring Instruments to their Accuracy Specifications (reaffirmation of ANSI/ASME B89.7.6-2019)
These guidelines address the evaluation of uncertainty of test values associated with the testing of dimensional measuring instruments to their accuracy specifications, particularly during acceptance testing.
Single copy price: $38.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Justin Cassamassino <cassasmassinoj@asme.org>

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA C22.2 No. 273-2019 (R202x), Cablebus (reaffirmation of ANSI/CSA C22.2 No. 273-2019)
This is a reaffirmation of current national standard.
Single copy price: Free
Order from: debbie.chesnik@csagroup.org
Send comments (copy psa@ansi.org) to: debbie.chesnik@csagroup.org

CSA (CSA America Standards Inc.)

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

Reaffirmation

CSA/BSR C22.2 No. 19085-1 (R202x), Woodworking machines - Safety - Part 1: Common requirements (reaffirm a national adoption ANSI/CSA C22.2 No. 19085-1-2019)
This is a reaffirmation of current national adoption.
Single copy price: Free
Order from: debbie.chesnik@csagroup.org
Send comments (copy psa@ansi.org) to: debbie.chesnik@csagroup.org

Comment Deadline: July 16, 2024

ULSE (UL Standards & Engagement)

1603 Orrington Avenue, Suite 2000, Evanston, IL 60201 | lauren.valentino@ul.org, https://ulse.org/

Revision

BSR/UL 1821-202x, Standard for Safety for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2019)
These requirements cover thermoplastic pipe and fittings for use in wet pipe sprinkler systems for fire protection service. Thermoplastic pipe and fittings covered by these requirements are intended for use in sprinkler systems in any of the following types of occupancies: Light hazard occupancies as defined in the Standard for Installation of Sprinkler Systems, NFPA 13; Residential occupancies as defined in the Standard for Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; and residential occupancies as defined in the Standard for Installation of Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R. The pipe and fittings covered by these requirements are intended to be installed in accordance with the Standard for Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; the Standard for Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R; or the Standard for Installation of Sprinkler Systems, NFPA 13. The requirements covered by this standard do not address compatibility of plastic pipe and fittings with materials or products that they may be in contact with in storage, handling, or use. Revisions include changes to the Assembly definition and Section 26 Temperature Cycling Test.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Lauren Valentino, lauren.valentino@ul.org, https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 2443-202X, Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service (revision of ANSI/UL 2443-2023)
ULSE proposes the development of Joint Canada-US Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service, ANSI/CAN/UL/ULC 2443.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

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.

AAFS (American Academy of Forensic Sciences)

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

ANSI/ASB Std 055-2024, Standard for Breath Alcohol Measuring Instrument Calibration (new standard) Final Action Date: 5/7/2024 | *New Standard*

ANSI/ASB Std 133-2024, Standard for Age Estimation in Forensic Anthropology (new standard) Final Action Date: 5/7/2024 | *New Standard*

ANSI/ASB Std 167-2024, Standard for Reporting Results from Friction Ridge Examinations (new standard) Final Action Date: 5/7/2024 | *New Standard*

ANSI/ASB Std 180-2024, Standard for the Selection and Evaluation of GenBank® Results for Taxonomic Assignment of Wildlife (new standard) Final Action Date: 5/7/2024 | *New Standard*

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Arlington, VA 22203 | mmiskell@aami.org, www.aami.org

ANSI/AAMI/ISO 13408-1-2024, Aseptic processing of health care products - Part 1: General requirements (identical national adoption of ISO 13408-1:2023, Edition 3 and revision of ANSI/AAMI/ISO 13408-1-2008 (R2011)) Final Action Date: 5/7/2024 | *National Adoption*

ANSI/AAMI ST24-2024, General-purpose ethylene oxide sterilizers with automated process control and ethylene oxide sterilant sources intended for use in health care facilities (revision of ANSI/AAMI ST24-1999 (R2018)) Final Action Date: 5/8/2024 | *Revision*

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

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

ANSI/ASHRAE Addendum 62.1ag-2022, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022) Final Action Date: 4/30/2024 | *Addenda*

ANSI/ASHRAE Addendum 62.1o-2022, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022) Final Action Date: 4/30/2024 | *Addenda*

ANSI/ASHRAE Addendum 62.1p-2022, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2022) Final Action Date: 4/30/2024 | *Addenda*

ANSI/ASHRAE Addendum l to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 4/30/2024 | *Addenda*

ANSI/ASHRAE Addendum m to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 4/30/2024 | *Addenda*

ANSI/ASHRAE Standard 185.3-2024, Method of Testing In-Room Devices and Systems for Microorganism Removal or Inactivation in a Chamber (new standard) Final Action Date: 4/30/2024 | *New Standard*

ANSI/ASHRAE Standard 84-2024, Method of Testing Air-to-Air Heat/Energy Exchangers (revision of ANSI/ASHRAE Standard 84-2020) Final Action Date: 4/30/2024 | *Revision*

ASME (American Society of Mechanical Engineers)

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

ANSI/ASME MUS-1-2024, Use of Unmanned Aircraft Systems (UAS) for Inspections (new standard) Final Action Date: 5/8/2024 | *New Standard*

ANSI/ASME A112.4.1-2009 (R2024), Water Heater Relief Valve Drain Tubes (reaffirmation of ANSI/ASME A112.4.1 -2009 (R2019)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/ASME A112.4.3-1999 (R2024), Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System (reaffirmation of ANSI/ASME A112.4.3-1999 (R2019)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/ASME A112.14.6-2010 (R2024), FOG (Fats, Oils, and Greases) Disposal Systems (reaffirmation of ANSI/ASME A112.14.6-2010 (R2019)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/ASME A112.19.12-2014 (R2024), Wall Mounted, Pedestal Mounted, Adjustable, Elevating, Tilting, and Pivoting Lavatory, Sink, and Shampoo Bowl Carrier Systems and Drain Waste Systems (reaffirmation of ANSI/ASME A112.19.12 -2014 (R2019)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/ASME B1.1-2024, Unified Inch Screw Threads (UN, UNR, and UNJ Thread Forms) (revision of ANSI/ASME B1.1 -2019) Final Action Date: 5/7/2024 | *Revision*

ANSI/ASME B1.30-2024, Screw Threads: Standard Practice for Calculating and Rounding Dimensions (revision of ANSI/ASME B1.30-2002 (R2022)) Final Action Date: 5/7/2024 | *Revision*

ASSP (Safety) (American Society of Safety Professionals)

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

ANSI/ASSP Z390.1-2024, Accepted Practices for Hydrogen Sulfide (H2S) Training Programs (revision and redesignation of ANSI/ASSE Z390.1-2017) Final Action Date: 5/13/2024 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM F3556-2024, Specification for Physical Properties of Polyethylene Corrugated Gravity Flow (non-pressure) Pipe and Fittings with Recycled Content (new standard) Final Action Date: 5/1/2024 | *New Standard*

ANSI/ASTM D2241-2024, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) (revision of ANSI/ASTM D2241-2020) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM D2609-2024, Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe (revision of ANSI/ASTM D2609-2021) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM D2665-2024, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2020) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM D2846/D2846M-2024, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM D2846/D2846M-2019A) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM D3679-2024, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding (revision of ANSI/ASTM D3679-2021) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM D4477-2024, Specification for Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit (revision of ANSI/ASTM D4477-2022) Final Action Date: 4/23/2024 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM D5206-2024, Test Method for Windload Resistance of Rigid Plastic Siding (revision of ANSI/ASTM D5206 -2019) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM D7793-2024, Specification for Insulated Vinyl Siding (revision of ANSI/ASTM D7793-2021) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM E18-2024, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2022) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM E23-2024, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23 -2023A) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM E2917-2024a, Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs (revision of ANSI/ASTM E2917-2024) Final Action Date: 5/1/2024 | *Revision*

ANSI/ASTM F437-2024, Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM F437-2021) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM F439-2024, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM F439-2019) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM F891-2024, Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core (revision of ANSI/ASTM F891-2023) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM F1734-2024, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (revision of ANSI/ASTM F1734-2019) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM F2479-2024a, Guide for Specification, Purchase, Installation and Maintenance of Poured-In-Place Playground Surfacing (revision of ANSI/ASTM F2479-2024) Final Action Date: 5/1/2024 | *Revision*

ANSI/ASTM F2509-2024, Specification for Field-Assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene and Polyamide-11 (PA11) Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F2509 -2015 (R2019)) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM F2618-2024, Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems (revision of ANSI/ASTM F2618-2021) Final Action Date: 4/23/2024 | *Revision*

ANSI/ASTM F2987-2012 (R2018), Specification for Corrugated Polyethylene Pipe and Fittings for Mine Heap Leach Aeration Applications (withdrawal of ANSI/ASTM F2987-2012 (R2018)) Final Action Date: 4/23/2024 | *Withdrawal*

AWWA (American Water Works Association)

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

ANSI/AWWA B303-2024, Sodium Chlorite (revision of ANSI/AWWA B303-2017) Final Action Date: 5/8/2024 | *Revision*

ANSI/AWWA B600-2024, Powdered Activated Carbon (revision of ANSI/AWWA B600-2015) Final Action Date: 5/8/2024 | *Revision*

ANSI/AWWA C520-2024, Knife Gate Valves, Sizes 2 In. (50 mm) Through 96 In. (2,400 mm) (revision of ANSI/AWWA C520-2019) Final Action Date: 5/13/2024 | *Revision*

CSA (CSA America Standards Inc.)

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

ANSI/CSA NGV 6.1-2024, Compressed natural gas (CNG) fuel storage and delivery systems for road vehicles (revision of ANSI/CSA NGV 6.1-2022) Final Action Date: 5/13/2024 | *Revision*

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 364-01B-2000 (R2024), Acceleration Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364 -01B-2000 (R2019)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/EIA 364-07C-2007 (R2024), Contact Axial Concentricity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-07C-2007 (R2019)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/EIA 364-20F-2019 (R2024), Dielectric Withstanding Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (reaffirmation of ANSI/EIA 364-20F-2019) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/EIA 364-22B-2000 (R2024), Simulated Life Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-22B-2000 (R2019)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/EIA 364-119-2019 (R2024), Removal Tool Rotation Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-119-2019) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/EIA 364-1000B-2019 (R2024), Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (reaffirmation of ANSI/EIA 364-1000B-2019) Final Action Date: 5/7/2024 | *Reaffirmation*

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | jkirk@esda.org, https://www.esda.org

ANSI/ESD STM3.1-2015 (R2024), ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Ionization (reaffirmation of ANSI/ESD STM3.1-2015) Final Action Date: 5/13/2024 | *Reaffirmation*

HL7 (Health Level Seven)

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

ANSI/HL7 V3 ISODT, R1-2013 (R2024), HL7 Version 3 Standard: XML Implementation Technology Specification R2; ISO-Harmonized Data Types, Release 1 (reaffirmation of ANSI/HL7 V3 ISODT, R1-2013 (R2018)) Final Action Date: 5/7/2024 | *Reaffirmation*

ANSI/HL7 V3 XMLITSSTR, R2-2013 (R2024), HL7 Version 3 Standard: XML Implementation Technology Specification - V3 Structures, Release 2 (reaffirmation of ANSI/HL7 V3 XMLITSSTR, R2-2013) Final Action Date: 5/7/2024 | *Reaffirmation*

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | k.evangelista@ieee.org, www.ieee.org

ANSI/IEEE/IES 3001.9-2024, Recommended Practice for the Design of Power Systems Supplying Lighting Systems in Commercial and Industrial Facilities (new standard) Final Action Date: 5/7/2024 | *New Standard*

ANSI/IEEE C57.12.34-2024, Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below (revision of ANSI/IEEE C57.12.34-2015) Final Action Date: 5/7/2024 | *Revision*

IES (Illuminating Engineering Society)

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

ANSI/IES TM-32-24-2024, Technical Memorandum: Lighting Parameters for Building Information Modeling (revision of ANSI/IES TM-32-2019) Final Action Date: 5/8/2024 | *Revision*

NEMA (ASC C18) (National Electrical Manufacturers Association)

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

ANSI C18.3M, Part 1-2024, Portable Lithium Primary Cells and Batteries - General and Specifications (revision of ANSI C18.3M, Part 1-2019) Final Action Date: 5/13/2024 | *Revision*

NFPA (National Fire Protection Association)

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

ANSI/NFPA 1022-2025, Standard for Fire and Emergency Services Analyst Professional Qualifications (new standard) Final Action Date: 5/12/2024 | *New Standard*

ANSI/NFPA 1585-2025, Standard for Exposure and Contamination Control (new standard) Final Action Date: 5/12/2024 | *New Standard*

ANSI/NFPA 13D-2025, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 13R-2025, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 24-2025, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 40-2025, Standard for the Storage and Handling of Cellulose Nitrate Film (revision of ANSI/NFPA 40-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 101A-2025, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 110-2025, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 111-2025, Standard on Stored Electrical Energy Emergency and Standby Power Systems (revision of ANSI/NFPA 111-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 291-2025, Recommended Practice for Water Flow Testing and Marking of Hydrants (revision of ANSI/NFPA 291-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 302-2025, Fire Protection Standard for Pleasure and Commercial Motor Craft (revision of ANSI/NFPA 302 -2020) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 400-2025, Hazardous Materials Code (revision of ANSI/NFPA 400-2022) Final Action Date: 5/12/2024 | *Revision*

ANSI/NFPA 801-2025, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of ANSI/NFPA 801-2020) Final Action Date: 5/12/2024 | *Revision*

NFPA (National Fire Protection Association)

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

ANSI/NFPA 2113-2025, Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire (revision of ANSI/NFPA 2113 -2020) Final Action Date: 5/12/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 12-2024 (i10r4), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2023) Final Action Date: 5/2/2024 | *Revision*

ANSI/NSF 184-2024 (i12r1), Residential Dishwashers (revision of ANSI/NSF 184-2019) Final Action Date: 5/3/2024 | *Revision*

ANSI/NSF 385-2024 (i5r1), Disinfection Mechanics (revision of ANSI/NSF 385-2022) Final Action Date: 5/2/2024 | *Revision*

ANSI/NSF 385-2024 (i16r1), Disinfection Mechanics (revision of ANSI/NSF 385-2022) Final Action Date: 5/4/2024 | *Revision*

ANSI/NSF 455-2-2024 (i61r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2021) Final Action Date: 5/8/2024 | *Revision*

ANSI/NSF/CAN 60-2024 (i100r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60 -2021) Final Action Date: 5/2/2024 | *Revision*

PCI (Precast/Prestressed Concrete Institute)

8770 W. Bryn Mawr Ave., Suite 1150, Chicago, Illinois 60631 | egallandorm@pci.org, www.pci.org

ANSI/PCI 142-2024, Specification for Precast, Prestressed Concrete Piles (new standard) Final Action Date: 5/7/2024 | *New Standard*

SIMA (Snow and Ice Management Association)

10140 N Port Washington Road, Milwaukee, WI 53092 | ellen@sima.org, http://www.sima.org

ANSI/SIMA 20-2024, Standard Practice for Implementing a Safety Program for Snow and Ice Management Companies (new standard) Final Action Date: 5/7/2024 | *New Standard*

TIA (Telecommunications Industry Association)

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

ANSI/TIA 942-C-2024, Telecommunications Infrastructure Standard for Data Centers (revision and redesignation of ANSI/TIA 942-B-2017, ANSI/TIA 942-B-1-2022) Final Action Date: 5/7/2024 | *Revision*

ULSE (UL Standards & Engagement)

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

ANSI/UL 1004-2-2015 (R2024), Standard for Safety for Impedance Protected Motors (reaffirmation of ANSI/UL 1004-2 -2015 (R2020)) Final Action Date: 5/9/2024 | *Reaffirmation*

ANSI/UL/ULC 1316-2019 (R2024), Standard for Safety for Fibre Reinforced Underground Tanks for Flammable and Combustible Liquids (reaffirmation of ANSI/UL 1316-2019) Final Action Date: 5/9/2024 | *Reaffirmation*

ANSI/UL/ULC 2258-2019 (R2024), Standard for Aboveground Nonmetallic Tanks for Fuel Oil and Other Combustible Liquids (reaffirmation of ANSI/UL 2258-2019) Final Action Date: 5/9/2024 | *Reaffirmation*

ULSE (UL Standards & Engagement)

1603 Orrington Avenue, Suite 2000, Evanston, IL 60201 | mitchell.gold@ul.org, https://ulse.org/

ANSI/UL 50E-2024, Standard for Safety for Enclosures for Electrical Equipment, Environmental Considerations (revision of ANSI/UL 50E-2020) Final Action Date: 4/30/2024 | *Revision*

ANSI/UL 217-2024, Standard for Safety for Smoke Alarms (revision of ANSI/UL 217-2022) Final Action Date: 5/8/2024 | *Revision*

ANSI/UL 558-2024, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2021) Final Action Date: 5/2/2024 | *Revision*

ANSI/UL 710-2024, Standard for Safety for Exhaust Hoods for Commercial Cooking Equipment (revision of ANSI/UL 710 -2021) Final Action Date: 4/29/2024 | *Revision*

ANSI/UL 746A-2024a, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2024) Final Action Date: 5/9/2024 | *Revision*

ANSI/UL 746B-2024a, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2024) Final Action Date: 5/9/2024 | *Revision*

ANSI/UL 789-2024, Standard for Safety for Indicator Posts for Fire-Protection Service (revision of ANSI/UL 789-2018) Final Action Date: 5/6/2024 | *Revision*

ANSI/UL 923-2024, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2023) Final Action Date: 5/2/2024 | *Revision*

ANSI/UL 1072-2024, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2023) Final Action Date: 5/7/2024 | *Revision*

ANSI/UL 2431-2024, Standard for Safety for Durability of Fire Resistive Coatings and Materials (revision of ANSI/UL 2431-2019) Final Action Date: 5/8/2024 | *Revision*

ANSI/UL 2999-2024, Standard for Safety for Individual Commercial Office Furnishings (revision of ANSI/UL 2999-2020) Final Action Date: 5/2/2024 | *Revision*

VITA (VMEbus International Trade Association (VITA))

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

ANSI/VITA 87.0-2024, High Density (HD) MT Circular Connector - Type 1 (new standard) Final Action Date: 5/7/2024 | *New Standard*

ANSI/VITA 91.0-2024, Connector for Higher Density VPX Applications (new standard) Final Action Date: 5/7/2024 | *New Standard*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

AARST (American Association of Radon Scientists and Technologists)

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

BSR/AARST MW-RN-202x, Protocol for the Collection, Transfer and Measurement of Radon in Water (revision of ANSI/AARST MW-RN-2020)

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201 | jyeh2@ahrinet.org, www.ahrinet.org

BSR/AHRI Standard 370-202x (SI/I-P), Sound Performance Rating of Large Air-cooled Outdoor Refrigerating and Air-conditioning Equipment (revision of ANSI/AHRI Standard 370-2015)

ASABE (American Society of Agricultural and Biological Engineers)

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

ANSI/ASABE/ISO 15077-2008 OCT2008 (R2024), Tractors and Self-Propelled Machinery for Agriculture - Operator Controls - Actuating Forces, Displacement, Location and Method of Operation (withdrawal of ANSI/ASABE/ISO 15077-2008 OCT2008 (R2024))

ASIS (ASIS International)

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

BSR/ASIS INV-202x, Investigations (revision and redesignation of ANSI/ASIS INV.1-2015)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B89.1.5-1998 (R202x), Measurement of Plain External Diameters for Use as Master Discs or Cylindrical Plug Gages (reaffirmation of ANSI/ASME B89.1.5-1998 (R2019))

ASME (American Society of Mechanical Engineers)

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

BSR/ASME B89.3.4-2010 (R202x), Axes of Rotation - Methods for Specifying and Testing (reaffirmation of ANSI/ASME B89.3.4-2010 (R2019))

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 | mtierney@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.30-202x, Standard for High Security Cylinders (revision of ANSI/BHMA A156.30-2020)

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | jkirk@esda.org, https://www.esda.org

BSR/EOS ESD SP5.1.4-202X, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) Testing - Device Level - A Method for Random Sampling of Power Pins (new standard)

NSF (NSF International)

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

BSR/NSF 5-202x (i12r1), Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2019)

NSF (NSF International)

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

BSR/NSF 37-202x (i11r1), Air Curtains for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2020)

NSF (NSF International)

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

BSR/NSF 52-202x (i10r1), Supplemental Flooring (revision of ANSI/NSF 52-2020)

NSF (NSF International)

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

BSR/NSF 59-202x (i12r1), Mobile Food Carts (revision of ANSI/NSF 59-2020)

NSF (NSF International)

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

BSR/NSF 455-4-202x (i49r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455 -4-2022)

NSF (NSF International)

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

BSR/NSF/CAN 600-202x (i12r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2023)

TIA (Telecommunications Industry Association)

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

BSR/TIA 455-37-B-202x, Low or High Temperature Bend Test for Fiber Optic Cable (new standard)

ULSE (UL Standards & Engagement)

100 Queen St suite 1040, Ottawa, ON K1P1A5 | mit.modi@ul.org, https://ulse.org/

BSR/UL 639-202x, UL Standard for Safety for Intrusion-Detection Units (revision of ANSI/UL 639-2019)

ULSE (UL Standards & Engagement)

100 Queen Street, Suite 1040, Ottawa, Canada, ON | Jacob.Stewart@ul.org, https://ulse.org/

BSR/UL 1180-202x, Standard for Safety for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180-2023)

American National Standards (ANS) Announcements

Withdrawal of Public Comment Period

Corrections

IES - Illuminating Engineering Society

BSR/IES TM-40-24-202x

The 3/29/2024, Call for Comment public review for BSR/IES TM-40-24-202x, Technical Memorandum: IES Method for Determining Correlated Color Temperature (CCT) and Distance from the Planckian Locus of Light Sources (new standard) has been withdrawn at the request of the developer.
Please direct inquiries to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

American National Standards Under Continuous Maintenance

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

AARST (American Association of Radon Scientists and Technologists)

AGA (American Gas Association)

AGSC (Auto Glass Safety Council)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ASME (American Society of Mechanical Engineers)

ASTM (ASTM International)

GBI (Green Building Initiative)

HL7 (Health Level Seven)

Home Innovation (Home Innovation Research Labs)

IES (Illuminating Engineering Society)

ITI (InterNational Committee for Information Technology Standards)

MHI (Material Handling Industry)

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

NCPDP (National Council for Prescription Drug Programs)

NEMA (National Electrical Manufacturers Association)

NFRC (National Fenestration Rating Council)

NISO (National Information Standards Organization)

NSF (NSF International)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select “American National Standards Maintained Under Continuous Maintenance.” Questions? psa@ansi.org.

ANSI-Accredited Standards Developers (ASD) Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment, Call for Members and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to the PSA Department at psa@ansi.org.

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ASSP (Safety)
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AWI
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AWWA
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CAPA
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c/o Intertek, 4700 Broadmoor SE, Suite 200
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www.CAPAcertified.org

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CSA
CSA America Standards Inc.
8501 East Pleasant Valley Road
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ECIA
Electronic Components Industry Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

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EOS/ESD
ESD Association, Inc.
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Rome, NY 13440
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HL7
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455 E. Eisenhower Parkway, Suite 300 #025
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IAPMO (WES)
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IEEE
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IES
Illuminating Engineering Society
85 Broad Street, 17th Floor
New York, NY 10004
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NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Arlington, VA 22209
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NFPA
National Fire Protection Association
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PCI
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SIMA
Snow and Ice Management Association
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TCNA (ASC A108)
Tile Council of North America
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TIA
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VITA
VMEbus International Trade Association (VITA)
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Jing Kwok
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ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 17648, Quick-frozen coated aquatic products - Specification - 8/1/2024, $53.00

Aircraft and space vehicles (TC 20)

ISO/DIS 21100, Air cargo unit load devices - Performance requirements and test parameters - 8/1/2024, $125.00

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

ISO/DIS 12439, Mixing water for concrete - 7/28/2024, $67.00

Dentistry (TC 106)

ISO/DIS 19490, Dentistry - Sinus membrane elevator - 8/1/2024, $33.00

Feed machinery (TC 293)

ISO/DIS 24142, Safety requirements for machinery in feed processing mills - 7/26/2024, $82.00

Health Informatics (TC 215)

ISO/DIS 13940, Health informatics - System of concepts to support continuity of care - 7/25/2024, $185.00

Internal combustion engines (TC 70)

ISO/DIS 8528-5, Reciprocating internal combustion engine driven alternating current generating sets - Part 5: Generating sets - 7/25/2024, $112.00

Optics and optical instruments (TC 172)

ISO/DIS 11980, Ophthalmic optics - Contact lenses and contact lens care products - Guidance for clinical investigations - 7/25/2024, $98.00

Paints and varnishes (TC 35)

ISO/DIS 19396-1, Paints and varnishes - Determination of pH value - Part 1: pH electrodes with glass membrane - 7/28/2024, $67.00

ISO/DIS 19396-2, Paints and varnishes - Determination of pH value - Part 2: pH electrodes with ISFET technology - 7/28/2024, $58.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 18527-3:2020/DAmd 1, - Amendment 1: Eye and face protection for sports use - Part 3: Requirements and test methods for eyewear intended to be used for surface swimming - Amendment 1 - 7/26/2024, $29.00

Plastics (TC 61)

ISO/DIS 4582, Plastics - Determination of changes in colour and variations in properties after exposure to glass-filtered solar radiation, natural weathering or laboratory radiation sources - 8/1/2024, $77.00

ISO/DIS 877-1, Plastics - Methods of exposure to solar radiation - Part 1: General guidance - 8/1/2024, $62.00

Powder metallurgy (TC 119)

ISO/DIS 3325, Sintered metal materials, excluding hardmetals - Determination of transverse rupture strength - 8/1/2024, $33.00

Rubber and rubber products (TC 45)

ISO/DIS 2440, Flexible and rigid cellular polymeric materials - Accelerated ageing tests - 7/25/2024, $58.00

ISO/DIS 17581, Rubber- or plastics-coated fabrics - Determination of water absorption resistance - 7/25/2024, $62.00

ISO/DIS 3386-1, Polymeric materials, cellular flexible - Determination of stress-strain characteristics in compression - Part 1: Low-density materials - 8/1/2024, $40.00

Sludge recovery, recycling, treatment and disposal (TC 275)

ISO/DIS 23882, Sludge recovery, recycling, treatment and disposal - Beneficial use of biosolids land application - Guidelines for risk communication and management of public perception - 8/1/2024, $88.00

Solid mineral fuels (TC 27)

ISO/DIS 1953, Coal - Size analysis by sieving - 7/28/2024, $62.00

Textiles (TC 38)

ISO/DIS 9073-5, Nonwovens - Test methods - Part 5: Determination of resistance to mechanical penetration (ball burst procedure) - 7/28/2024, $46.00

ISO/DIS 9073-6, Nonwovens - Test methods - Part 6: Absorption - 7/27/2024, $53.00

Water quality (TC 147)

ISO/DIS 18127, Water quality - Determination of adsorbable organically bound fluorine, chlorine, bromine and iodine (AOF, AOCl, AOBr, AOI) - Method using combustion and subsequent ion chromatographic measurement - 7/29/2024, $119.00

Welding and allied processes (TC 44)

ISO/DIS 14555, Welding - Arc stud welding of metallic materials - 7/26/2024, $107.00

ISO/DIS 17662, Welding - Calibration, verification and validation of equipment used for welding, including ancillary activities - 7/27/2024, $93.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19566-6:2019/DAmd 2, - Amendment 2: Information technologies - JPEG systems - Part 6: JPEG 360 - Amendment 2: Revision to the equirectangular projection constraints - 7/29/2024, $33.00

ISO/IEC 19566-7:2022/DAmd 1, - Amendment 1: Information technologies - JPEG systems - Part 7: JPEG linked media format (JLINK) - Amendment 1: Revision to the JLINK XMP expressions - 8/1/2024, $40.00

ISO/IEC DIS 8801, Information Technology - 3D Printing and Scanning - Data Standard Operating Procedure (SOP) - 7/25/2024, $58.00

ISO/IEC DIS 19792, Information security, cybersecurity and privacy protection - General principles of security evaluation of biometric systems - 7/29/2024, $88.00

ISO/IEC DIS 27553-2, Information security, cybersecurity and privacy protection - Security and privacy requirements for authentication using biometrics on mobile devices - Part 2: Remote modes - 7/28/2024, $107.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/1022/FDIS, IEC 63522-45 ED1: Electrical relays - Tests and Measurements - Part 45: Maximum frequency of operation, 06/21/2024

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

100/4138/CDV, IEC 62680-1-2 ED7: Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification, 08/02/2024

100/4139/CDV, IEC 62680-1-3 ED6: Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-C cable and connector specification, 08/02/2024

100/4141/CDV, IEC 63430 ED1: Data Container for Wearable Sensor, 08/02/2024

Automatic controls for household use (TC 72)

72/1418/CDV, IEC 60730-2-23 ED1: Automatic electrical controls - Part 2-23: Particular requirements for electrical sensors and sensor elements, 08/02/2024

72/1444/CD, IEC 60730-2-5 ED5: Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems, 08/02/2024

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

46C/1293/CD, IEC 61156-12 ED2: Multicore and symmetrical pair/quad cables for digital communications - Part 12: Symmetrical single pair cables with transmission characteristics up to 1,25 GHz - Work area wiring - Sectional specification, 08/02/2024

46A/1674/CDV, IEC 61196-1-108 ED3: Coaxial communication cables - Part 1-108: Electrical test methods - Test for phase, phase constant, phase and group delay, propagation velocity, electrical length, and mean characteristic impedance, 08/02/2024

46C/1292/CD, IEC 62783-1-2 ED1: Twinax cables for digital communications - Part 1-2: Time-domain impedance test method for twinax cables for digital communications, 08/02/2024

Capacitors and resistors for electronic equipment (TC 40)

40/3144/FDIS, IEC 60384-8 ED5: Fixed capacitors for use in electronic equipment - Part 8: Sectional specification - Fixed capacitors of ceramic dielectric, Class 1, 06/21/2024

40/3145/FDIS, IEC 60384-9 ED5: Fixed capacitors for use in electronic equipment - Part 9: Sectional specification - Fixed capacitors of ceramic dielectric, Class 2, 06/21/2024

Electric road vehicles and electric industrial trucks (TC 69)

69/951/CDV, IEC 62840-1 ED1: Electric vehicle battery swap system - Part 1: General and guidance, 08/02/2024

69/952/CDV, IEC 63380-2 ED1: Charging station management systems and Local Energy Management Systems network connectivity and information exchange - Part 2 Specific Data Model Mapping, 08/02/2024

69/953/CDV, IEC 63380-3 ED1: Local Charging station management systems and Local Energy Management Systems network connectivity and information exchange - Part 3 Communication Protocol and Cybersecurity Specific Aspects, 08/02/2024

Electrical equipment in medical practice (TC 62)

62D/2134/FDIS, ISO 80601-2-79 ED2: Medical electrical equipment - Part 2-79: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory impairment, 06/21/2024

62D/2135/FDIS, ISO 80601-2-80 ED2: Medical electrical equipment - Part 2-80: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory insufficiency, 06/21/2024

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

18A/485/CDV, IEC 60092-352 ED4: Electrical installations in ships - Part 352: Choice and installation of electrical cables, 08/02/2024

18A/487/FDIS, IEC 60092-379 ED1: Electrical installations in ships - Part 379: Symmetrical category cables with transmission characteristics up to 1 000 MHz, 06/21/2024

18/1891/CDV, IEC 60092-501 ED6: Electrical installations in ships - Part 501: Special features - Electric propulsion plant, 08/02/2024

18/1899/DTR, IEC TR 63436 ED1: Insulation tests and insulation resistance threshold, 07/05/2024

Electromagnetic compatibility (TC 77)

77A/1215/FDIS, IEC 61000-2-4 ED3: Electromagnetic compatibility (EMC) - Part 2-4: Environment - Compatibility levels in power distribution systems in industrial locations for low-frequency conducted disturbances, 06/21/2024

Evaluation and Qualification of Electrical Insulating Materials and Systems (TC 112)

112/643/CDV, IEC 60112 ED6: Method for the determination of the proof and the comparative tracking indices of solid insulating materials, 08/02/2024

Fibre optics (TC 86)

86A/2447/CDV, IEC 60794-1-302 ED1: Optical fibre cables - Part 1-302: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon dimensions and geometry - Visual method, Method G2, 08/02/2024

86B/4923/CD, IEC 61300-2-37 ED4: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-37: Tests - Cable bending for fibre optic protective housings and hardened connectors, 07/05/2024

86B/4920A/CD, IEC 61753-1 ED3: Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance, 07/05/2024

86/641/CDV, IEC 62496-4-3 ED1: Optical circuit boards - Part 4 -3: Interface standards - Terminated waveguide OCB assembly using a single-row 32-channel PMT connector intermateable with a 250-m pitch MPO 16, 07/05/2024

Flat Panel Display Devices (TC 110)

110/1636/CDV, IEC 62908-42-10 ED1: Touch and interactive displays - Part 42-10: Measurement methods of motion-tracking image-control response time for interactive projection display, 08/02/2024

110/1635/CDV, IEC 62977-3-6 ED1: Electronic displays - Part 3 -6: Evaluation of optical performance - Spatial resolution, 08/02/2024

Industrial-process measurement and control (TC 65)

65B/1254/FDIS, IEC 63206 ED1: Industrial-process control systems - Recorders - Testing and performance evaluation, 06/21/2024

65E/1083/FDIS, IEC 63261 ED1: Representation of electrical and instrument objects in digital 3D plant models during engineering, 06/21/2024

65A/1117/NP, PNW TS 65A-1117 ED1: Information technology - Artificial intelligence - Guidance and requirements for uncertainty quantification in AI systems, 08/02/2024

Insulation co-ordination for low-voltage equipment (TC 109)

109/229/CDV, IEC 60664-1/AMD1 ED3: Amendment 1 - Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests, 08/02/2024

Lamps and related equipment (TC 34)

34A/2398/CDV, IEC 62554/AMD2 ED1: Amendment 2 - Sample preparation for measurement of mercury level in fluorescent lamps and low-pressure mercury UV radiation sources, 08/02/2024

Magnetic components and ferrite materials (TC 51)

51/1507/CD, IEC 62025-1 ED3: High frequency inductive components - Non-electrical characteristics and measuring methods - Part 1: Fixed, surface mounted inductors for use in electronic and telecommunication equipment, 08/02/2024

Nanotechnology standardization for electrical and electronic products and systems (TC 113)

113/831/NP, PNW TS 113-831 ED1: IEC TS 62607-3-5 Nanomanufacturing - Key control characteristics - Part 3-5: Nanophotonic products - Light conversion efficiency of quantum dot-based light conversion films: luminance meter, 08/02/2024

113/832/NP, PNW TS 113-832 ED1: IEC TS 62607-3-4 Nanomanufacturing - Key control characteristics - Part 3-4: Nanophotonic products - Luminance of quantum-dot-based light emitting diodes: integrating sphere, spectroradiometer, 08/02/2024

113/833/NP, PNW TS 113-833 ED1: Nanomanufacturing - Product specification - Part 5-5: Nanoenabled energy storage - Detail specification: Graphene - carbon nanotube suspension for conductive agent in Li-ion batteries, 08/02/2024

Nuclear instrumentation (TC 45)

45A/1533A/CD, IEC/IEEE 62671 ED2: Nuclear power plants - Instrumentation and control important to safety - Selection and use of industrial digital devices of limited functionality, 06/21/2024

45A/1536/FDIS, IEC/IEEE 63332-387 ED1: Nuclear facilities - Electrical power systems - Diesel generator units applied as standby power sources, 06/21/2024

Piezoelectric and dielectric devices for frequency control and selection (TC 49)

49/1459/CD, IEC 60679-2 ED2: Piezoelectric, dielectric and electrostatic oscillators of assessed quality - Part 2: Guide to the use of quartz crystal oscillators, 08/02/2024

49/1458A/CD, IEC 63541 ED1: Lithium tantalate and lithium niobate crystal for surface acoustic wave (SAW) device applications - Specifications and measuring method, 07/26/2024

Power electronics (TC 22)

22F/768/CD, IEC 62747/AMD2 ED1: Amendment 2 - Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems, 08/02/2024

Printed Electronics (TC 119)

119/496/FDIS, IEC 62899-302-4 ED1: Printed Electronics - Part 302-4: Medium for inkjet printing dot placement evaluation, 06/21/2024

119/497/CD, IEC 62899-403-2 ED1: Printed electronics - Part 403-2: Printability - Requirements for reproducibility - Basic patterns for printing plate, 08/02/2024

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

116/753/CDV, IEC 62841-4-11 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-11: Particular requirements for edgers, 08/02/2024

Semiconductor devices (TC 47)

47E/835/FDIS, IEC 60747-16-9 ED1: Semiconductor devices - Part 16-9: Microwave integrated circuits - Phase shifters, 06/21/2024

47/2847/NP, PNW 47-2847 ED1: Semiconductor devices - Performance evaluation of semiconductor processing components and inspection equipment - Part 3: Nano-scale wafer surface inspection method using UV light, 08/02/2024

47/2848/NP, PNW 47-2848 ED1: Semiconductor devices - Performance evaluation of semiconductor processing components and inspection equipment - Part 4: Evaluation methods for dimensional accuracy of laser dicing process, 08/02/2024

Terminology (TC 1)

1/2614/FDIS, IEC 60050-831 ED1: International Electrotechnical Vocabulary (IEV) - Part 831: Smart city systems, 06/21/2024

ISO/IEC JTC 1, Information Technology

(TC)

JTC1-SC25/3242/NP, PNW JTC1-SC25-3242 ED1: Information technology - Home Electronic System (HES) architecture - Part 5 -105: Intelligent grouping and resource sharing for HES Class 2 and Class 3 - RA server-based smart lock application - Test and verification, 08/02/2024

Newly Published ISO & IEC Standards

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

ISO Standards

Aircraft and space vehicles (TC 20)

ISO 6397:2024, Aerospace - Test bolts, hexagonal head, metallic material, coated or uncoated, $54.00

ISO 9621:2024, Space systems - Methods to decide thermal vacuum test cycles of recurring production according to precipitation efficiency and reliability, $124.00

Earth-moving machinery (TC 127)

ISO 8643:2024, Earth-moving machinery - Hydraulic excavator and backhoe loader lowering control device - Requirements and tests, $81.00

Graphical symbols (TC 145)

ISO 7001:2023/Amd 101:2024, - Amendment 1: Graphical symbols - Registered public information symbols - Amendment 101: PI AC 023 Universal changing place, $23.00

ISO 3864-3:2024, Graphical symbols - Safety colours and safety signs - Part 3: Design principles for graphical symbols for use in safety signs, $166.00

Hydrogen energy technologies (TC 197)

ISO 19885-1:2024, Gaseous hydrogen - Fuelling protocols for hydrogen-fuelled vehicles - Part 1: Design and development process for fuelling protocols, $194.00

Industrial fans (TC 117)

ISO 24660:2024, Fans - Determination of airflow propelled through an open personnel door by a positive pressure ventilator, $81.00

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

ISO 16961:2024, Oil and gas industries including lower carbon energy - Internal coating and lining of steel storage tanks, $194.00

Nuclear energy (TC 85)

ISO 12183:2024, Nuclear fuel technology - Controlled-potential coulometric measurement of plutonium, $194.00

Paints and varnishes (TC 35)

ISO 11890-1:2024, Paints and varnishes - Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content - Part 1: Gravimetric method for VOC determination, $124.00

Petroleum products and lubricants (TC 28)

ISO 12925-1:2024, Lubricants, industrial oils and related products (class L) - Family C (gears) - Part 1: Specifications for lubricants for enclosed gear systems, $223.00

Rubber and rubber products (TC 45)

ISO 6806:2024, Rubber hoses and hose assemblies for use in oil burners - Specification, $124.00

Small craft (TC 188)

ISO 8665-2:2024, Small craft - Power measurements and declarations - Part 2: Electric marine propulsion, $54.00

Transport information and control systems (TC 204)

ISO 14823-1:2024, Intelligent transport systems - Graphic data dictionary - Part 1: Specification, $250.00

ISO Technical Reports

Geosynthetics (TC 221)

ISO/TR 18228-10:2024, Design using geosynthetics - Part 10: Asphalt pavements, $166.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 15444-4:2024, Information technology - JPEG 2000 image coding system - Part 4: Conformance testing, $223.00

Other

ISO/IEC 80079-49:2024, Explosive atmospheres - Part 49: Flame arresters - Performance requirements, test methods and limits for use, $250.00

IEC Standards

Fibre optics (TC 86)

IEC 61754-13 Ed. 3.0 b:2024, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 13: Type FC-PC connector family, $103.00

IEC 61754-13 Ed. 3.0 en:2024 CMV, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 13: Type FC-PC connector family, $207.00

Accreditation Announcements (U.S. TAGs to ISO)

Approval of Reaccreditation – U.S. TAG to ISO

TC 163, Thermal performance and energy use in the built environment

Effective May 10, 2024

ANSI's Executive Standards Council (ExSC) has approved the reaccreditation of the **US TAG to TC 163, Thermal performance and energy use in the built environment**, under revised operating procedures, effective **May 10, 2024**. For additional information, please contact: Ryan Shanley, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.: 1791 Tullie Circle NE Atlanta, 30329, P: (678) 539-2114 E: rshanley@ashrae.org

Approval of Reaccreditation – U.S. TAG to ISO

TC 205, Building environment design

Effective May 10, 2024

ANSI's Executive Standards Council (ExSC) has approved the reaccreditation of the **US TAG to TC 205, Building environment design**, under revised operating procedures, effective **May 10, 2024**. For additional information, please contact: Ryan Shanley, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.: 1791 Tullie Circle NE Atlanta, 30329, P: (678) 539-2114 E: rshanley@ashrae.org

Approval of Reaccreditation – U.S. TAG to ISO

TC 207, Environmental management

Effective May 10, 2024

ANSI's Executive Standards Council (ExSC) has approved the reaccreditation of the **US TAG to TC 207, Environmental management**, under revised operating procedures, effective **May 10, 2024**. For additional information, please contact: Jennifer Admussen, American Society for Quality: E: jadmussen@asq.org

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 137 – Footwear sizing designations and marking systems

Comment Deadline: May 31, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 137 – *Footwear sizing designations and marking systems* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by South Africa (SABS).

ISO/TC 137 operates under the following scope:

Standardization of footwear sizing systems based on the measurement of the foot, and the designation and marking of such sizes; standardization of sizing ranges (unit and intervals); standardization of a system of calibrating the last or equivalent equipment; including the use of digital data, and terminology.

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

Call for U.S. TAG Administrator

ISO/TC 190 – Soil quality

Comment Deadline: May 31, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 190 – *Soil quality*, or any of the active Subcommittees, and therefore ANSI is not a member of these committees. The Secretariats for the committees are held by:
ISO/TC 190 – *Soil quality*: Germany (DIN)
ISO/TC 190/SC 3 – *Chemical and physical characterization*: Germany (DIN)
ISO/TC 190/SC 4 – *Biological characterization*: France (AFNOR)
ISO/TC 190/SC 7 – *Impact assessment*: Germany (DIN)

ISO/TC 190 operates under the following scope:

Standardization in the field of soil quality
· *Soils in situ;*
· *Soil materials intended for reuse in or on soils, including dredged sub-aquatic soil materials (= excavated sediments).*

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

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 264 – Fireworks

Comment Deadline: May 31, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 264 – *Fireworks* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by China (SAC).

ISO/TC 264 operates under the following scope:

Standardization in the field of Fireworks, including quality control, definitions, terminology, classification, categorization, labelling, test methods and basic safety requirements.

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

Call for U.S. TAG Administrator

ISO/TC 54 – Essential oils

Comment Deadline: May 31, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 54 – *Essential oils* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Spain (UNE).

ISO/TC 54 operates under the following scope:

Standardization of methods of analysis and specifications for essential oils.

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

Meeting Notices (International)

American Society of Safety Professionals

U.S. TAG to ISO/TC 283 – Occupational health and safety management

Meeting Date: June 19, 2024 2:30 PM - 4:30 PM Central Time

The ANSI Accredited U.S. Technical Advisory Group (U.S. TAG) to ISO/TC 283 "Occupational health and safety management" has announced a virtual meeting on June 19, 2024 from 2:30 PM to 4:30 PM Central time. For more information or to participate, please contact the U.S. TAG Administrator, Mr. Tim Fischer (TFisher@assp.org).

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

Standard Title: AWI 0620 - Finish Carpentry/Installation

Date of Proposal: May 17, 2024

Comments Due: June 16, 2024

The following is being recirculated for your review. For ease of review, all proposed changes from the first ballot are identified as red text underlined and strike-through for deleted language (~~Deleted Text"~~) or blue text underlined for added language (Added Text). These changes were made in response to comments and editorial suggestions received during the first ballot/public comment period that began on November 17, 2023. All other material is provided for context only and is not open for comment, except as it relates to the proposed changes.

For a full version of this draft standard visit http://gotoawi.com/standards/awi0620.html.

3.0 Requirements

3.1 General

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q) Natural characteristics exceeding the tolerances defined in the AWI 300 - Materials (latest edition) are not permitted on visible surfaces ~~visible~~ following installation.

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3.1.4 Manufacturer/Supplier Requirements for Installation

a) Manufacturer/supplier shall provide documented instructions for Product installation, fastening/joinery methods, instructions and fastener details for attachment to adjacent panels and/or components.

b) Manufacturer/supplier shall provide drawings indicating required location of blocking and supports. See the AWI 100 - Submittals (latest edition).

•

3.3.2 Wall and Ceiling Surface Paneling

•

f) Unless otherwise indicated, joints designed to be caulked shall be 3.2 mm [.125"] +0 mm/- 1.6 mm [+0"/-.063"] in width to permit ~~satisfactory~~ caulk penetration.

•

3.3.3 Catalog and Made-to-Order Mouldings (Standing and Running Trim)

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c) Running joints shall be either mitered or butted. If butted, joint shall be reinforced with mechanical fasteners.

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3.3.4 Passage Doors (Within Integrated Door Systems)

a) Doors shall operate without binding after installation.

b) Utility or structural strength of doors shall not be impaired in fitting them to the opening, installing hardware, and preparing for glazing, louvers, trim, or other detailing.

~~**3.3.4.1 Fire Rated Assembly**~~

~~a) Shall be installed in conformance with the manufacturer/supplier supplied instructions and in accordance with NFPA 80 (latest edition). Removal of labels is prohibited.~~

~~b) Field modification shall be in accordance with NFPA 80 (latest edition).~~

3.3.4.12 Fitting, Non Fire Rated

a) Fitting for width requires door to be trimmed equally on both sides.

b) When fitting for height, trimming top or bottom rails shall not exceed manufacturer/suppliers instructions.

3.3.4.23 Clearance, Non Fire Rated

a) For field-fitted doors, clearance between the door and frame components shall be a maximum of 3.2 mm [.125”] on the hinge and lock sides, the top of the door, and between the meeting edges of doors in pairs.

b) Bottom clearance shall be a minimum of 6.4 mm [.250”] and a maximum of 15.9 mm [.625”] measured from the bottom of the door to the highest point of the finished floor or threshold that the door swings over.

3.3.4.34 Leaf Hinges, Non Fire Rated

a) Hinges shall be installed per manufacturer/supplier’s documented instructions for location and weight of door.

3.3.4.45 Cutouts, Non Fire Rated

a) Cutouts shall be sealed and protected from moisture entering the door core.

b) At decorative laminate, cutouts shall have a minimum radius of 6.4 mm [.250”] at inside corners.

3.3.4.5~~1~~ Fire Rated Assembly

a) Installation s~~S~~shall be in conformance with the manufacturer/supplier supplied instructions and in accordance with NFPA 80 (latest edition). Removal of labels is prohibited.

b) Field modification shall be in accordance with NFPA 80 (latest edition).

3.4 Aesthetic

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e) All hardware shall be adjusted for correct and smooth operation. ~~within the manufacturer/supplier’s documented instructions.~~

•

3.4.1 Tolerances

3.4.1.1 Gaps at Field Joints

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b) Gaps s~~S~~hall not exceed 30% of a joint's length.

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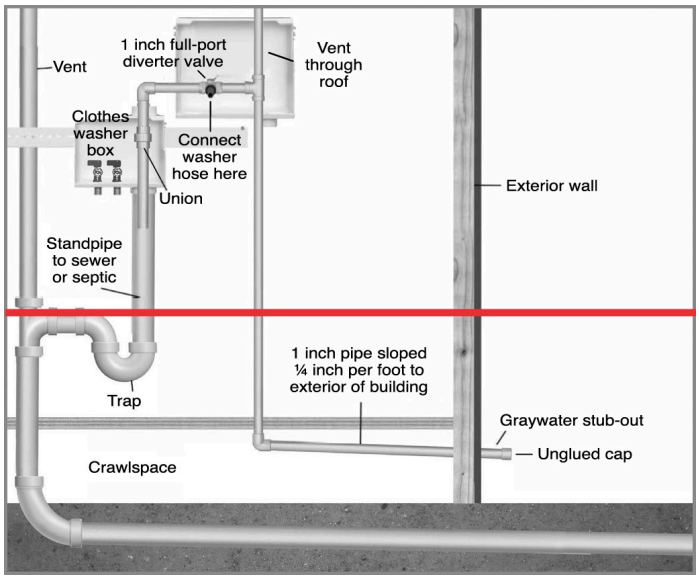
PUBLIC COMMENT 1B

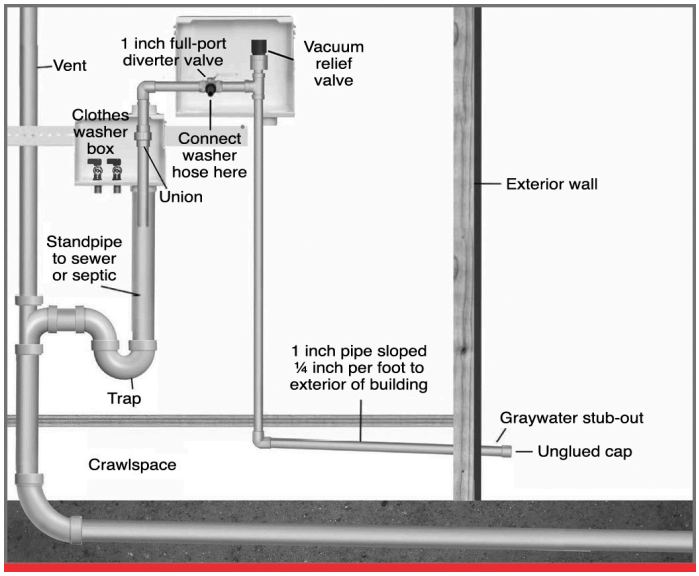
Code Year: 2023 WEStand **Section #:** Figure F 301.1(6), Figure F 301.1(7) **Item #:** 132

SUBMITTER: Laura Allen
Greywater Action

Comment #: 1B

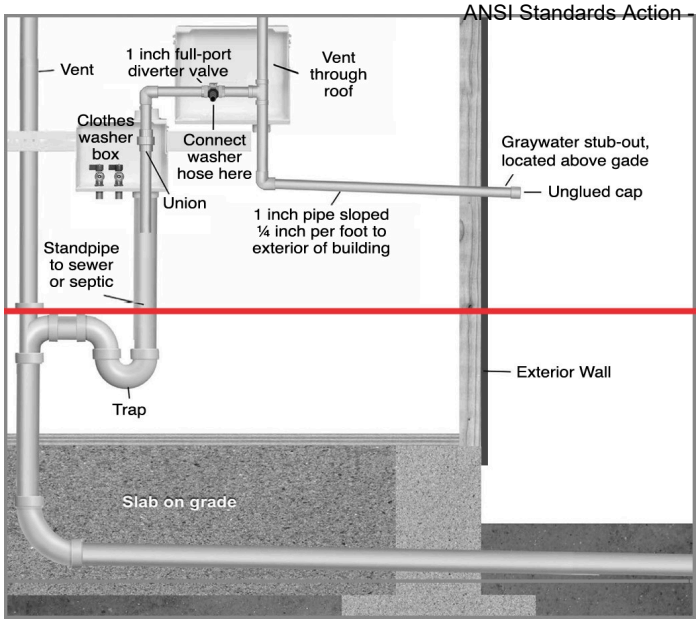
RECOMMENDATION:
Accept as Modified

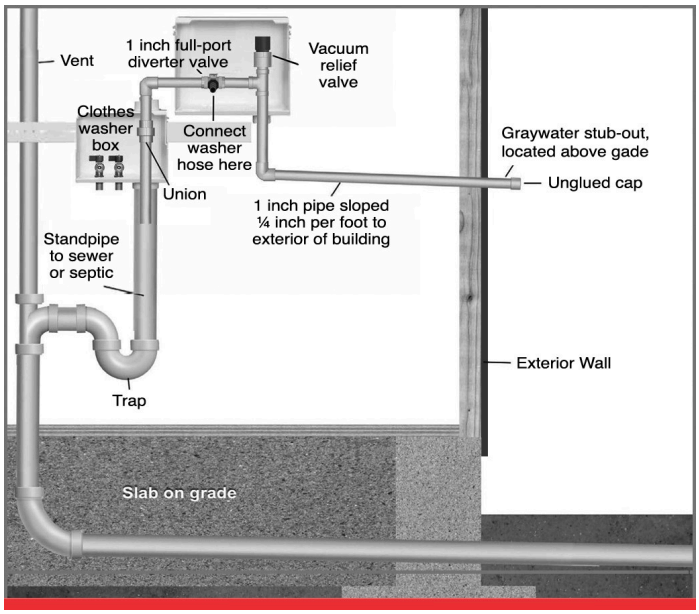




For SI units: 1 inch = 25 mm, 1 foot = 304.8 mm
* The union is necessary to provide access for maintenance of the standpipe and trap.

FIGURE F 301.1(6)
GRAY WATER DRAINAGE SYSTEM – CLOTHES WASHER GRAYWATER SYSTEM WHERE GRAYWATER IRRIGATION PIPEIS RUN THROUGH CRAWLSPACE*





For SI units: 1 inch = 25 mm, 1 foot = 304.8 mm

FIGURE F 301.1(7)
GRAY WATER DRAINAGE SYSTEM – CLOTHES WASHER GRAYWATER SYSTEM WHERE CLOTHES WASHER IS NEAR AN EXTERIOR WALL OR ON A CONCRETE SLAB FOUNDATIONSUBSTANTIATION

SUBSTANTIATION:
This particular gray water system is NOT connected to the DWV system of the house. It operates from the appliance, the washing machine, solely. It needs the low pressure from the machine pumping out the gray water to operate. Tying the gray water line into the vent may disrupt the pressure in the system and interfere with the functionality of the irrigation portion of the system. Also, the water may push up into the vent and drain and drain away, without anyone knowing. This would defeat the purpose of putting in this irrigation system.

The valve is installed to allow air to leave the line (but not enter it) and serves the purpose of breaking a potential siphon that could form in a system installed in a downward sloping yard. If a siphon forms in the line, it could interfere with the washing machine fill cycle, which could waste water.

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

NSF/ANSI Standard
for Food Equipment –

Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment

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5 Design and construction

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5.6 Backflow and cross-connection protection

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5.6.2.2 Single-wall heat exchangers shall have a permanently affixed label identifying the intermediate transfer media, which ~~must~~ shall be used with the unit. The intermediate transfer media shall conform to the requirements in Section 4.3. When intermediate transfer media is not supplied by the manufacturer, a permanently affixed label shall identify the intermediate transfer media to be used with the unit.

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Informative Annex 2

Technical information

The information contained in this Annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. Therefore, this Annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

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I-2.2 Storage type water heaters

The example in Annex I-2, Section I-2.1 is based on maximum demand and instantaneous heaters. For storage-type water heaters, consideration ~~must~~ should be given to peak load and usage times. The ASHRAE *HVAC Applications Handbook*[3] provides additional information on sizing and hot water demands for specific applications.

5 [3] American Society of Heating, Refrigeration, and Air Conditioning Engineers, Inc. 1791 Tullie Circle NE, Atlanta, GA 30329. <www.ashrae.org>

NSF/ANSI Standard
for Food Equipment –

Air Curtains for Entranceways in Food and Food Service Establishments

Informative Annex 1

Recommendations for installation

The information contained in this annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. Therefore, this annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.

I-1.1 Recommendations for installation

I-1.1.1 Air curtains for service windows and service entryways should be installed on the exterior (outside) of the window or entryway.

I-1.1.2 The air moving equipment on air curtains in service entryways should be interlocked with the entryway to ensure automatic activation of the motor when the door is opened.

I-1.1.3 Establishments using air curtains should maintain positive air pressure.

I-1.1.4 The air curtain or multiple unit installation ~~shall~~ should be at least as wide as the opening to be protected.

NSF/ANSI Standard
for Food Equipment –

Mobile Food Carts

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5 Design and construction

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5.44 Wastewater holding systems

5.44.1 Mobile food carts having a potable water system shall also have a waste holding tank(s) with a minimum capacity of 7.5 gal (28.4 L) or at least 15% greater than the total capacity of the water storage tank(s), whichever is greater. The capacity of the waste tank shall be displayed on the tank or the data plate.

5.44.2 The minimum waste holding tank shall not apply if the cart is equipped with an automated system that disables the water supply when the waste holding tank is full.

~~NOTE — The minimum waste holding tank shall not apply if the cart is equipped with an automated system that disables the water supply when the waste holding tank is full.~~

Rationale*: NOTES are informative not normative and as such should not contain the term "Shall"*

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

NSF/ANSI Standard
for Food Equipment –

Supplemental Flooring

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2 Normative references

The following documents contain requirements that, by reference in this text, constitute provisions of this standard. At the time of publication, the indicated editions were valid. All of the documents are subject to revision and parties are encouraged to investigate the possibility of applying the most recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

ASTM D256-10, *Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics*[3]

ASTM D412-15, *Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers – Tension*[3]

ASTM D624-00 (~~2012~~ 2020), *Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers*[3]

ASTM D638~~-14~~ -22, *Standard Test Method for Tensile Properties of Plastics*[3]

ASTM D792~~-13~~ -20, *Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement*[3]

ASTM G21-15 (2021)e1, *Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi*[3]

IEEE/ASTM SI 10-2016, *American National Standard for Metric Practice*[Error! Bookmark not defined.]

NSF/ANSI 2, *Food Equipment*

NSF/ANSI 170, *Glossary of Food Equipment Terminology*

***Rationale**: This language updates the normative references*

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

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

NSF/ANSI Standard
for GMP for Over-the-Counter Drugs –

Good Manufacturing Practices for Over-the-Counter Drugs

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4 Audit requirements

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4.2 Leadership

4.2.1 ~~Management participates in the design, implementation, monitoring, and maintenance of the company quality system. [ICH Q10]~~ Management responsibilities are defined and include participating in the design, implementation, monitoring, and maintenance of the company quality system, establishing quality policy, committing of resources, advocating continual improvement, conducting management reviews, ensuring communication process exists and other activities to ensure an effective quality system is in place. [ICH Q10 2.1]

~~**4.2.2** Management reviews shall include, but not be limited to quality system, process performance and product quality; which are to be conducted periodically. The management reviews will be documented. [ICH Q10, 3.2.4]~~

~~**4.2.3** Management has established a quality policy and quality objectives. [ICH Q10, 2.2]~~

4.2.2 ~~**4.2.4**~~ The organization shall ~~prepare~~ have a quality manual describing the quality management system, the quality policy, and the organization's commitment to quality management system requirements, management responsibilities and quality risk management. [ICH Q10, 1.8, 2.2]

4.2.3 ~~**4.2.5** Internal communications assure the flow of appropriate information throughout the organization
regarding this standard and applicable regulatory requirements. Senior management is notified in the event of critical quality issues. [ICH Q10, 2.5]~~ Appropriate communication processes are documented and implemented within the organization to ensure compliance information flows to every level of the organization, quality issues (GMP deficiencies, regulatory inspections, product defects, etc.) flow to responsible management and critical quality issues (regulatory citations, recalls, etc.) escalate to senior management. [21 C.F.R. § 211.180 & ICH Q10, 2.5]

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~~**4.2.10** Procedures exist for notifying responsible management in a timely manner of regulatory inspections, serious GMP deficiencies, product defects, and related actions. [21 C.F.R. § 211.180 & ICH Q10]~~

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4.3 Planning

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~~**4.3.2** A process for managing the life cycle of products (development, technology transfer, commercial production, product discontinuation) is defined and implemented. [ICH Q10, 3.1]~~

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4.4 Support

4.4.1 Adequate resources (human, financial, materials, facilities, and equipment) are provided to implement, maintain, and improve the quality system. [ICH Q10, 2.4, 21 CFR § 211.25(c)]

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4.5 Operations

4.5.1 Manufacturing processes have been validated utilizing a product lifecycle approach (design, qualification, commercialization and verification, product discontinuation) to produce a product that consistently meets specifications. [21 C.F.R. § 211.100, 21 C.F.R. § 211.110, 21 C.F.R. § 211.111, ICH Q10 3.1 & U.S. FDA Process Validation Guidelines]

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4.7 Improvement

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4.7.2 Periodic management reviews of the quality system~~,~~ and process performance & product quality shall be ~~are~~ conducted~~, with documented~~. Management reviews shall be documented including completion of any identified follow-up actions. [ICH Q10, 2.6, 3.2.4]

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BSR/UL 639, Standard for Safety for Intrusion-Detection Units

1. Battery Marking Requirements

PROPOSAL

72.1 Except where otherwise indicated, an intrusion-detection unit shall be plainly and permanently marked, where it would be readily visible after installation, with the following information:

a) Manufacturer's or private labeler's name or identifying symbol.

b) Date of manufacture by week, month, or quarter and year, that may be abbreviated or in an established or otherwise acceptable code.

c) Model number or equivalent.

d) Electrical ratings:

1) AC Powered Units – Rated voltage; amperes or watts; and frequency.

2) Battery Powered Units – Rated voltage, type and number of batteries to be used.

e) Mounting position, if a product is intended to be mounted in a specific position.

f) Rating of fuse in each fuseholder that is required to comply with the requirements of this standard; located in close proximity to the fuseholder.

g) Reference to an installation wiring diagram, if one is not attached to the product, by drawing number and issue date.

h) Information necessary for the operation of any manually operated part or the performance of a required test by the user. Information required by 39.2.6, except as noted therein, may be included in the installation instructions.

i) For units using non-rechargeable batteries, the manufacturer's name and model number shall be clearly marked on the unit near the battery compartment.

j) A Class 2 or Class 3 supply circuit shall be marked where plainly visible after installation to indicate the class of supply and its electrical rating.

Exception No. 1: The markings in ~~(d) and (e)~~ (d), (e) and (i) may be on a separate installation diagram if so referenced on the product.

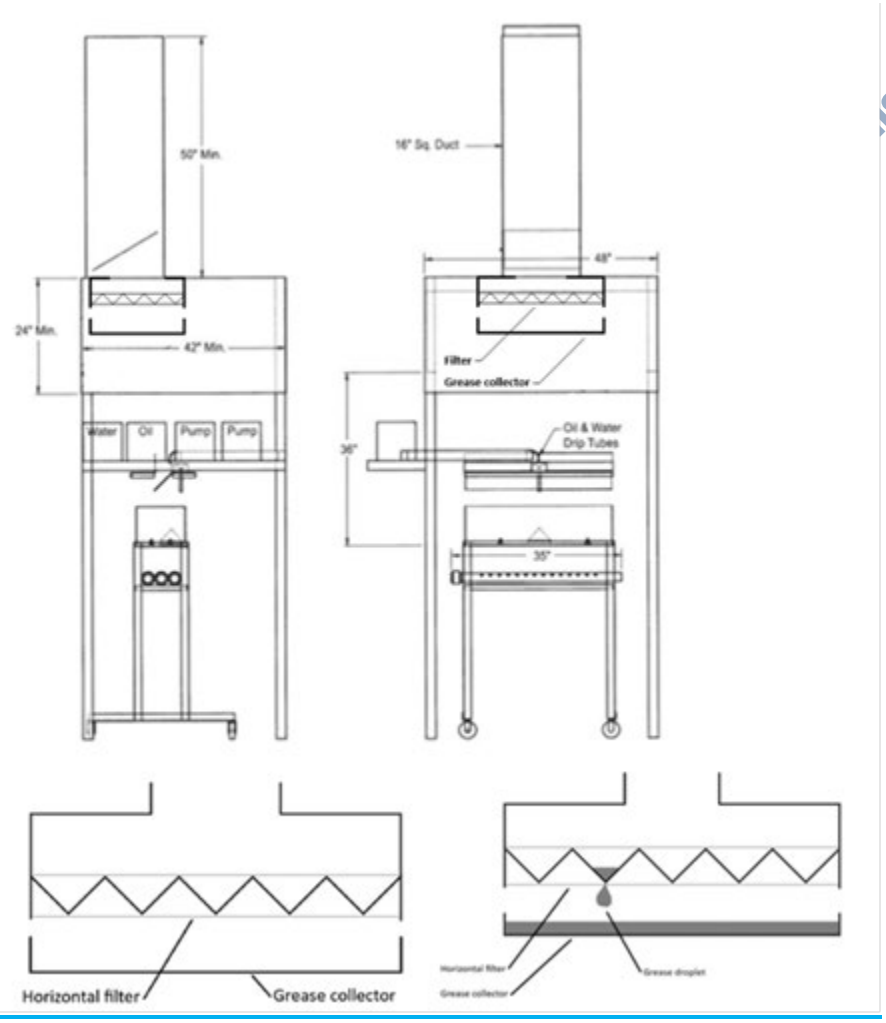
Exception No. 2: All items may be marked on the inside of the unit if the marking is visible when the product is opened for servicing.

BSR/UL 1046, Standard for Safety for Grease Filters for Exhaust Ducts

1. Addition of Requirements for Horizontal Grease Filters

PROPOSAL

Figure 8.1
Test hood and apparatus



8.2.2 Mounting of filters

8.2.2.1 Filters shall be as close in size as available to 20 inches (50.8 cm) high and 20 inches (50.8 cm) wide. They shall be mounted 45 +5/-0 degrees from the horizontal. Two filters shall be tested side-by-side. See Figure 8.1.

8.2.2.2 Grease filters smaller than 20 inches (50.8 cm) in height or width may be used if the construction will not include 20 inch (50.8 cm) filters. Adapter(s) shall be provided to close the 20 by 40 inch (50.8 by 101.6 cm) opening in the hood. The adapters shall be located at the top or outside edges of the grease removal device. See Figure 8.1.

8.2.2.3 Filters to be tested shall fit into the hood tightly together to assure that all flow is through the filters.

8.2.2.4 The filters shall be sealed to each other and to the plenum or filter supports with aluminum duct tape or sealants that will remain in place and be air tight throughout the tests.

8.2.2.5 Filter units with integrated grease collection are exempt from the 45-degree mounting angle and may be mounted in any orientation as long as the grease collection covers the entire surface directly below the grease filter area to prevent dripping into the cooking area.